portable rvs®

Release 2.08

Messages and Codes

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rvs®

Version 2.08

Messages and Codes

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About this Book

This manual is intended as a message reference for persons who install, customize, and operate rvs®. It is meant to complement the *User and Reference Manual*.

To use this manual, you should be familiar with the basic concepts of rvs® as described in *Reference Manual (Techical Overwiev)*. You should especially give attention to the sections about rvs® monitor, database and the rudiments of the protocol layers.

Chapter 1

rvs® Messages

rvs® messages consist of a message identifier, a message class and the message text. rvs® message identifiers consist of a 'speaking' character string, followed by the message class identifier indicating the type of the message. The following message classes are used:

A Action
B security messages
E Error messages
I Information messages
L Messages generated on line level, i.e. X.25, ISDN, LU6.2 or TCP/IP
O Messages generated on Odette FTP level
R Report
S Severe error
W Warning
\+ continuation line

This manual is organized in sections according to major rvs® components, e.g. Monitor, Sender, Receiver. In each section, messages are ordered alphabetically by their message identifier. The Message identifier and related class, the latter in parantheses, are presented underligned and in bold face. The next lines contain the message text and the explanation of the message. In order to locate a message in this manual, search the index for the message identifier and find the respective page number.

1.1 Initialize rvs® Database

CREATING_DATABASE (I)

`Creating RVS database 'DB'.`

This message is issued when RVSIDB starts to create the system tables of the database to be used by rvs®. RVSIDB performs this step for an ISAM database only.

CREATING_TABLES (I)

`Creating RVS database tables.`

RVSIDB starts to create the database tables used by the rvs® application programs.

DATABASE_CREATED (I)

RVS database *'DB'* created successfully.

The system tables for the ISAM database have been created successfully by RVSIDB.

DATASET_NOT_EXIST (E)

Dataset *DSN* does not exist.

Dataset DSN *cannot be located. Check directory and path or library name specifications.*

FUNCTION_FAILED (E)

```
*******************************************************************************
* Function call FUNCTION ended with return code : RC
* delete database ( rvsdbdel ) , correct error                                 *
* and rerun rvsidb                                                             *
*******************************************************************************
```

The function RVSIDB ended with return code RC*. This error is either due to*

- *unsufficient memory,*
- *a non-existing directory or library, or*
- *an rvs® system error*

INIT_DONE (I)

```
*******************************************************************************
*                                                                             *
*      Initialization of RVS database done.
*                                                                             *
*      Now start the monitor!!
*                                                                             *
*******************************************************************************
```

Initialization of RVS database has been successful completed.

INIT_EMPTY_TABLES (I)

Initializing RVS tables.

RVSIDB initializes the station table and related tables.

INIT_PARMS (I)

Initializing RVS parameters.

RVSIDB initializes all rvs® parameters and stores default values in the database.

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INIT_TABLES (I)

Initializing RVS tables; commands read from *DSN*.

RVSIDB initializes the station table and related tables. The initialization commands are read from data set DSN.

INVALID_LID (S)

Invalid local station-id ('*LID*'); ~
Local station-id can consist of up to sixteen characters!

The local station id, i.e. LID, specified when invoking RVSIDB is invalid. It can consist of up to sixteen characters. Conversion to uppercase is done explicitely.

MISSING_VALUE (E)

No value specified for command line parameter *PARM*.

A value was expected for command line parameter given by PARM. *No value found.*

NO_ENV_DATASET (E)

RVS environment data set '*DSN*' not found.

Program stopped execution because RVS environment file could not be located.

REPORT- (R)

TEXT

This message is used to report commands read from the file specified with the '/i' option.

SYNTAX (E)

Invalid command line parameters specified. Correct syntax is:

RVSIDB [/c[lean]] [/e<rvsenv>] [/i<cmdfile>] [/l<language>] lid

This message describes the command line parameters and options expected or accepted by RVSIDB:

- */e< rvsenv > supersede default name of RVS environment dataset ; default is 'rvsenv.dat'*
- */i< cmdfile > select input dataset to initialize station table and related tables; default is 'rdstat.dat'*
- */l< language > set default language for rvs®; default is 'e'*
- *lid is replaced by your own local station-id; mandatory paramter*

TABLES_CREATED (I)

```
All RVS database tables successfully created.
```

RVSIDB has created all database tables needed by rvs®.

UNDEFINED_LID (S)

```
*****************************************************************************
* Undefined local station-id ('LID');                                       *
* must be defined in the stationtable ( rdstat.dat )                        *
*****************************************************************************
```

The local station-ID is not defined in the station table.

1.2 rvs® Monitor

ACC_FAILED (W)

```
Account exit rvsacc failed for CMD(CN) with rc = RC.
```

The rvs account exit program 'rvsacc' returned a nonzero return code for the rvs command CMD *with command number* CN*. Possible causes are:*

- *problem in user written exit routine if you have replaced the standard accounting exit by own code,*
- *with the standard exit when* CMD *is other than SK or IZ, please report.*

AUTH_UNAVAILABLE (W)

```
dispatch_check_auth: authority for command "KN" could not be determined.
    Command rejected!
```

The rvs monitor encountered an external command KN *the originator of which could not be determined due to some internal error. Should not occur.*

BB_DONE (A)

```
User message (BB(CN)) successfully delivered to 'UID' at 'SID'.
```

A user notification, e.g. after successful processing of a send order, has successfully been delivered to user UID*.*

BB_FAILED (W)

```
Unable to deliver user message (BB CN) to 'UID' at 'SID'
  (rvsums ended with rc = RC).
```

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A user notification or message could not be delivered for some reason. This is not a critical error.

CLNUP_DEL (A)

db cleanup: deleting *KT*(*CN*) (*'KS'*, *'DT'*)

This message is issued when a database cleanup has been started upon reception of a CLEANUP command from operator console or from command dataset. KT*(*CN*) indicates the database entry currently being deleted.* KS *and* DT *indicate the correspondent command status and creation date.*

CLNUP_DEL_SS (A)

Cleanup of RVS data base: purge all SendStatistics with DTEND < *'DTDEL'*

This message is issued after reception of a CLEANUP command with the option SS=YES specified. All send statitstics entries with age older than DTDEL *will also be deleted.*

CLNUP_DONE_OK (I)

db cleanup was successful.

All deletable items found with age older than specified in the DAYS= parameter of the CLEANUP operator command have successfully been deleted. See related CLNUP_DEL messages.

CLNUP_ERR_CMD (W)

db cleanup: Error occured while deleting *KT*(*CN*) (rc = *RC*).

During cleanup, command KT *with commandnumber* CN *could not be removed from the data base, which probably is out of order, or the Monitor could not obtain enough memory from system.*

CLNUP_ERR_FETCH (W)

db cleanup: Terminating due to error during command retrieval (SQL-rc = *RC*).
Nothing deleted.

During cleanup, a nonzero returncode was received from SQL. Cleanup terminated without deleting anything. There might be a consistency problem with your data base.

CLNUP_ERR_KT (W)

db cleanup: Error occured during delete from table KT (rc = *RC*).

During cleanup, deletion of entries in the command table KT failed. There might be a consistency problem with your data base, or the system is short of memory.

CLNUP_ERR_SL (W)

db cleanup: Error occured during delete from table SL (rc = *RC*).

During cleanup, deletion of entries in the table SL failed. There might be a consistency problem with your data base or a system memory shortage.

CLNUP_INV_DAYS (E)

`db cleanup: invalid value DAYS=`*DAYS* `(specify positive number).`

The value entered for parameter DAYS was not a number greater or equal to zero.

CLNUP_NONE (A)

`Cleanup of RVS data base ended: there are no commands to be purged.`

A CLEANUP command has been received. However, there is no purgable information found with age older than the period specified in the DAYS= parameter on the CLEANUP operator command.

CLNUP_START (A)

`Cleanup of RVS data base: purge all commands with DTDONE < '`*DTDEL*`'`

This message indicates, that all commands that have successfully been processed or have been placed in deleted status before DTDEL *are going to be physically removed from the database.*

CMD_FREED (A)

KT`(`*CNA*`) with label '`*LAB*`' freed (was in S-hold). Predecessor was CN(`*CNF*`).`

Command KT(CN) *was held by system, because it was serialized to some event, e.g. another transfer, which now has occurred. Consequently it is now released from system hold and made eligible for processing.*

CMD_S_FREED (A)

KT`(`*CN*`) freed from serialization (still in `*HOLD*`-hold).`

Command KT(CN) *was held by system, because it was serialized to some event, e.g. another transfer, which now has occurred. In addition it also was placed in operator hold. Consequently it is now released from system hold but is still remaining in operator hold.*

CMD_TERMINATED (A)

KT`(`*CN*`) terminated (status `*STAT*`).`

The specified command KT(CN) *has ended.* STAT *indicates the command status, usually 'e' for 'ended'.*

CMDLINE_MISSING_LANG (W)

`rpm: Missing language specification in command line flag; /l ignored.`

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The command line flag for language selection, /l, has been specified on the invocation call of rvs monitor, but not language is specified. The language last in use is taken.

CMDLINE_UNKNOWN_FLAG (W)

`rpm: Undefined command line parameter "`*FLAG*`" ignored.`

rvs monitor has been called with an undefined, probably mistyped, command line parameter flag indicated in `FLAG`*, which will be ignored.*

CNTL_C_ENTERED (A)

`Monitor shutdown in progress (CNTL-C received).`

CNTL-C has been entered by operator, it is interpreted as a STOP command. For rvs PC, however, CNTL-C is used to obtain the console input prompt.

CONVERSION_FAILED (S)

CALLER`: Conversion `*FCT*` failed with rc = `*RC*`.`

A severe internal processing error ocurred. Program `CALLER` *suffered a failure when invoking conversion subroutine* `FCT`*. Please report this error to the rvs hot-line.*

DBW_FAILED (E)

`DBW: Recreation of data base failed (rc = `*RC*`).`

The recreation of the rvs database failed. Possible reasons are:

- *not executable database command read from log file, logfile damaged or manipulated.*
- *the wrong log file was specified*
- *log file could not be opened or is not available*
- *I/O errors occurred*

Please make sure, that you are starting recovery from a valid backup database together with the correspondent database log file that has to start from the moment your backup database, from which you attempt to recover, has been saved. Please contact rvs hotline for more help.

DBW_OK (I)

`DBW: Data base restored; check LOG for messages; restart RVS monitor.`

The rvs database has successfully been recreated.

DBW_RC_DIFFER (W)

`DBW: New return code `*RCNEW*` differs from original one (`*RCOLD*`) for:`
`'`*CMD*`'`

During recreation of the rvs database from a backup database and the database log file containing all the changes of the database since then, a command was encountered that lead to a returncode different from that found in the log dataset. This might be an indicator for the moment or action from when on the old database was corrupted.

DBW_START (I)

`Start of data base recovery from log '`*DSN*`'.`

rvs database recovery has been started using the database logfile DSN.

DB_DISABLED (I)

`rvs data base is currently disabled; try again later.`

The rvs data base is currently not available due to maintainance activities. Ask your rvs administrator when it will be available.

DSN_DEL_FAILED (I)

`Unable to delete '`*DSN*`' (termination of `*KT*`(`*CN*`)).`

The monitor failed to delete dataset DSN *which might be a successfully transmitted dataset for which disposition 'delete' was specified, or the temporary dataset that was created during reception of an incoming dataset which has successfully been delivered to its final destination.*

DSN_DEL_REJECTED (I)

`'`*ORIG*`' must not delete '`*DSN*`' (termination of SE(`*CNSE*`)).`

ORIG *is not authorized to delete dataset* DSN.

DSN_DELETED (A)

`'`*DSN*`' deleted (termination of `*KT*`(`*CN*`)).`

The monitor failed to delete dataset DSN *which might be a successfully transmitted dataset for which disposition 'delete' was specified, or the temporary dataset that was created during reception of an incoming dataset which has successfully been delivered to its final destination.*

FILE_UNAVAILABLE (E)

PGM`: `*FILE*` unavailable`

The program PGM *tried to open dataset* FILE *and failed. Check if* FILE *is existing in the right path and/or if it is in use by someone else.*

FUNCTION_FAILED (E)

CALLER`: `*FCT*` failed with rc = `*RC*.

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An internal error occurred. Please report to rvs hot-line.

IE2IZ_FAILED (E)

dispatch_ie2iz (*LINE*): Creating IZ(*IZ*) from IE(*IE*) failed:
(*ACT* returned rc = *RC*).

The monitor detected an IE event indicating that a dataset has been received. However, the the creation of a correspondent IZ command for delivery of the data to the final recipient or user has failed. Check if system is not short of memory. Please report this error to rvs hot-line.

IE2SE_FAILED (E)

dispatch_ie2iz (*LINE*): Creating SE(*SE*) from IE(*IE*) failed:
(*ACT* returned rc = *RC*).

The monitor detected that a dataset has been received for a non local destination. However, the creation of a correspondent send order entry command SE for forwarding the file failed. Check if system is not short of memory. Please report this error to rvs hot-line.

INIT_CMD (A)

rpm: Reading initial commands

This message is issued after the rvs monitor has been started and initial commands are read from the minitor initial commands dataset.

INVALID_COMMAND (S)

PGM: Invalid command "*CMD*" encountered.

An internal error occurred. Please report to rvs hot-line.

INVALID_EXIT_CODE (E)

rpm: Unknown error code in exit command: "*CODE*"

An internal error occurred. Please report to rvs hot-line.

INVALID_KEY (S)

'*RVSENV*' missing or invalid. Please check entries or order a valid key from gedas GmbH.

Make sure, the correct environment data set is being used and all fields (like CUSTOMER, EXPDATE, etc.) contain the proper values. Also, make sure you are running rvs on the system for which it was licensed.

LIMIT_EXCEEDED (S)

Limit of *LIMIT* partner stations is exceeded.

INV_VERSION (S)

Your license key is not valid for this rvs
Version '*VAL*'. Please contact gedas GmbH
and request a valid KEY.

INVALID_VALUE_S (S)

PGM: "*VAR*" contains invalid value "*VAL*"

An internal error occurred. Please report to rvs hot-line.

IZ_COPY_FAILED (E)

IZ(*CNIZ*) could not copy received data set '*TDSN*' to '*ODSN*'.
(copy return code = *RC*)

Copy of received dataset to final recipient failed. Probable causes are:

- *no space on output disk*
- *illegal specification of target drive or path or target library.*
- *loss of authorisation for copy into target library. Restart of Monitor could help.*

IZ_GRTAUT_FAILED (E)

IZ(*CNIZ*) could not grant objectauthority '*AUT*' to received dataset '*DSN*'.
(return code = *RC*)

Grant objectauthority to received dataset failed. Probably causes are:

- *rvs is not allowed to grant objectauthority to received dataset*

IZ_DELIVERED (R)

IZ(*CN*) Delivery of '*VDSN DTAVAIL*' received at *DTRECEIVED* from "*SIDSENDER*".
Stored in "*DSNLOCAL*".

This message indicates the successful delivery of data to the final recipient. The virtual dataset name, time and date it has been made available for transfer, time and date of delivery and user-ids of sender and receiver are given for documentation and revision purposes (save log files) .

IZ_DS_IGNORED (I)

IZ(*CNIZ*): Data set ignored, due to RE(*CNRE*).

*Resident receive entry RE(*CNRE*) was found to match with an incoming dataset. However, there is already a dataset with same name and the 'replace' option is not specified in the RE. Because existing data should not be overwritten unless explicitly specified, the incoming dataset is ignored.*

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LICENSE_EXP (S)

Your rvs license expired on *YEAR/MON/DAY*.

Your license for this version expired at the specified date and rvs is not operational any more. Please contact gedas GmbH concerning license renewal procedures.

LICENSE_WARN (W)

---> Your rvs license will expire on *YEAR/MON/DAY*. <---

Your license for this version will expire at the specified date and rvs will not be operational any more. Please contact gedas GmbH as soon as possible concerning license renewal procedures to guarantee continued rvs usage.

MO_ALREADY_ACTIVE (W)

rpmoms: Console *CID1* already active, cannot start *CID2*.

Presently only one console is supported.

MO_START_FAILED (E)

rpmoms: Unable to start new console *CID* (rc = *RC*).

New console could not be started because of a failing pipe communication with monitor. A system error or memory shortage is possibly the reason. Please shutdown rvs® and then reboot your system. If problem reoccurs report to rvs hot-line.

MO_STARTED (A)

rpmoms: New console *CID* started.

Process for operator console communication with monitor has successfully been started.

MO_WRITE_ERROR (E)

rpmoms: Unable to write to console '*CID*' (handle *PIPE*).

There is a problem writing to operator console. The file handle or communication pipe seems to be broken. A system error is possibly the reason. Please shutdown rvs® and then reboot your system. Make sure rvs has all necessary access rights. If problem reoccurs report to rvs hot-line.

NEW_CMD_CREATED (A)

KTNEW(*CNNEW*) created by *KTOLD*(*CNOLD*).

This message is issued whenever a new internal command is created as a processable unit of work in response to an event or external command. Examples:

- *a send command SK will be created after detection of a new send order entry, SE.*
- *Information delivery, IZ, will be created after detection of an incoming information event IE.*
- *Receipt sending, QS, will be initiated after successful termination of an IZ.*

NO_NEIGHBOR (E)

`No neighboring node defined for station` *DEST* `(rc =` *RC*`).`
`One recipient ignored for SE(`*CNSE*`).`

An internal error occurred when processing a distribution list for a transfer. The recepient who suffered the error is ignored. Please report to rvs hot-line.

NO_RCPT (W)

`No recipient defined for` *CMD*`(`*CN*`)!`

An internal error occurred. Please report to rvs hot-line.

NO_SK_FOR_QE (I)

`No matching SK found for receipt QE(`*CN*`).`

A receipt for a sent dataset has been received, however there is no pending send command SK that matches. Receipt is ignored. This can happen only when the database has been recreated, or the related SK has been deleted by operator or after system abends.

NOT_AUTH (B)

ORIG `not authorized to command` *TYPE*`(`*CMDNUM*`).`

Internal authorization ckecking detected a command from originator ORIG *having no autority.*

NO_DS_AUTH (B)

AGENT `not authorized to access data set '`*DS*`' (mode:` *MODE*`).`

AGENT *tried to access dataset* DS *with mode* MODE *without having authorization.* MODE *can be 'a' for allocate or 'w' for writing access.*

PARM_UNAVAILABLE (E)

PGM: *PARM* `unavailable`

Internal error. A rvs parameter was refenced that does not exist. please report to rvs hot-line.

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REPORT- (R)

TEXT

This message appears to report (and log) changes to station table or other rvs parameters, as well as commands executed from an command input dataset. TEXT *contains the details.*

RE_EXEC (A)

RE(*CNRE*) executed by IZ(*CNIZ*).

This message indicates that a resident receive entry RE with number CNRE *was found to match incoming information criteria and therefore was executed.*

RE_JOB (A)

RE(*CNRE*) starts *DSNTEMP* for IZ(*CNIZ*).

RVS_TERMINATION (I)

RVS Monitor terminates. (return code: *RC*).

The rvs® monitor has ended. If RC *is not zero kindly inform rvs hot-line. Exceptions: rvs VMS, where good returncodes are always 1; rvs PC where returncodes 2 and 3 are used to decide wether to start receiver or sender.*

SE2SK_FAILED (E)

dispatch_se2sk (*LINE*): Creating SK *SK* from SE *SE* failed:
(*ACT* returned rc = *RC*).

A send order entry SE was found in the rvs data base, however, the creation of an executable send command, SK, failed. Please report to rvs hot-line.

SE_SENT (A)

SE(*CN*) successfully sent '*DSNLOCAL*' for '*UIDSENDER*' at '*SIDSENDER*'.

This message indicates that send order SE with number CN *has successfully been processed for transmission of dataset* DSNLOCAL*, and the receipt has also been received.*

SENDER_STARTED (A)

KT(*CN*) Sender started to SID(*SID*)

SENDER_STARTED_OS400 (A)

KT(*CN*) Job submitted to send to '*SID*'.

This message indicates that a sender task or job has been initiated in order to send `kt(CN)` *to station* `SID`.

SEND_SPAWN_FAILED (W)

KT(*CN*) Unable to start Sender (system errno = *err*).

An error occurred when starting a sender task. This might be due to a system problem, or a system limitation of tasks or threads for the rvs® account. Check system parameters. Shutdown rvs® and reboot your system. If problem pertains, please report to rvs hot-line.

SK_HELD (W)

SK(*CNSK*), matching receipt QE(*CNQE*), is in hold; receipt accepted.

A send command was placed in hold when the transfer has already been successful. The receipt therefore is accepted.

SK_NOT_PENDING (W)

SK(*CNSK*) matched receipt QE(*CNQE*) but is not pending
(status '*KSSK*'): receipt ignored.

This should not happen. Either your partner, for some reason sent a receipt twice, or the database or SK entry have been manipulated, or a sender has been initiated not by monitor, but by hand.

STORE_NEIGHB_FAILED (E)

Error storing SIDNEIGHB in ET for SE(*CNSE*) (rc = *RC*).
DEST will be ignored!

An internal error occurred during processing of a distribution list. The destination suffering the error will be ignored.

UTILITY_FAILED (E)

rpm: *PGM* failed

Internal error. Please report to rvs hot-line.

XMT_ACTIVE (E)

MasterTransmitter has already been started.

The command to start MasterTransmitter is ignored, because it is already active. This should not happen after starting the monitor; stop rvs (rvsstop) , delete database (rvsdbdel) , create a new database (rvsidb) and start the monitor.

XMT_START (A)

MasterTransmitter started.

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The command to start MasterTransmitter was successfully executed.

XMT_STOPPED (I)

`MasterTransmitter has already been stopped.`

The command to stop MasterTransmitter is ignored, because it has been executed before. Note, that MasterTransmitter waits until all active Senders end before it terminates.

———————————————————————— ——*Send errors*——

SERR_CONNECT (A)

`rpm: Unable to connect to` *SID* `to send` *KT*`(`*CN*`).`

Connection to station SID *could not be established, most probable because of a network problem. Please ckeck linetrace log for network error messages.*

SERR_IO_ERR (E)

`rpm: Unable to read send data set '`*DSN*`' for` *KT*`(`*CN*`).`
`Send command terminated.`

There is a problem with the dataset to be sent: probably physically damaged, deleted or in use by someone else.

SERR_OPEN_ERR (E)

`rpm: Unable to open send data set '`*DSN*`' for` *KT*`(`*CN*`).`
`Send command terminated.`

There is a problem with the dataset to be sent, probably physically damaged, deleted or in use by someone else.

SERR_SEND_ERR (I)

`rpm: Error during transmission of` *KT*`(`*CN*`) to` *SID*`.`

There is a problem with the dataset to be sent, probably physically damaged, deleted or in use by someone else.

SERR_UNKNOWN_CODE (S)

`rpm:` *KT*`(`*CN*`) contains unknown send error code` *EC*`.`

An internal error occurred. Please report to rvs hot-line.

SERR_ZREC (I)

`rpm: Node` *SID* `does not accept Z-records (`*KT*`(`*CN*`)).`

An attempt was made to initiate a transfer with Z-records to a node, that does not support these. Only nodes running portable rvs versions presently support Z-records. Z-record are used to handle distribution lists, i.e. multiple recipients for a single dataset, and operator messages to other nodes. Avoid to use operator messages and distribution lists with node SID.

SERR_ODETTE (I)

```
  rpm: Node SID rejected Odette transfer for KT(CN).
       \SWITCH(XFNA,~
????,~
Send File Negative Answer - retry allowed,~
Send File Negative Answer - retry not allowed,~
End File Negative Answer) : \SWITCH(ERR,~
???,~
invalid filename,~
invalid destination,~
invalid origin,~
storage record format not supported,~
maximum record length not supported,~
file size is too big,~
invalid record count,~
invalid byte count,~
access method failure,~
duplicate file,~
unspecified reason)
```

The Odette file transfer protocol detected a problem and rejected the transfer. The reason is indicated in ERR*:*

- *invalid filename -The virtual filename is not a valid filename on the target system because of security limitations and/or naming rules.*
- *invalid origin - The originating station is not known at the target site*
- *invalid destination - The destination station is not known at the remote site*
- *storage record format not supported - The target system is unable to store datasets with the specified format.*
- *maximum record length not supported -*
- *file size is too big - no space on target system or other reason that prevent storage*
- *invalid record count - there is a mismatch between record count on sending and receiving side.*
- *invalid byte count - there is a mismatch between byte count on sending and receiving side.*
- *access method failure - target system could not allocate dataset,*
- *duplicate file - same file has already been received*

————————————————————————

——User Notifications——

NO_Z_REC (W)

```
Unable to send SK(CNSK): node NEIGHB does not support distribution lists.
```

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IZ_ENDED (I)

DSN(*DT*) received (IZ(*CN*)).

Dataset DSN *has been received as result of information delivery IZ(*CN*) .*

SE_ENDED (I)

DSN(*DT*) successfully sent (SE(*CNSE*)).

Dataset DSN *is sucessfully transferred, receipt is received.*

————————————————————————

——Operator Command Related Messages ——

OK_CMD_DONE (I)

[*CID*] *'CMD'* done.

indicates that command CMD *entered on console with id* CID *has been executed.*

OK_CN_ALREADY_HELD (W)

[*CID*] *KT*(*CN*) already held.

*You entered HOLDCMD CN=*CN *for* KT*(*CN*) which however already is in hold status.*

OK_CN_FREED (A)

[*CID*] *KT*(*CN*) freed.

*After FREECMD CN=*CN *command,* KT*(*CN*) could be freed from hold status.*

OK_CN_HELD (A)

[*CID*] *KT*(*CN*) placed in operator hold.

*You entered HOLDCMD CN=*CN*.* KT*(*CN*) has successfully been placed in hold.*

OK_CN_NOT_FOUND (W)

[*CID*] Command *KT*(*CN*) not found (rc = *RC*).

An operator command was issued against command KT*(*CN*) which could not be found in the database. Check command type and number.*

OK_CN_NOT_HELD (W)

[*CID*] *KT*(*CN*) not held (status = *KS*), cannot be freed.

*After FREECMD CN=*CN*,* KT*(*CN*) could not be freed from hold status because it was not in hold status.*

OK_CN_NOT_QUEUED (W)

[*CID*] *KT*(*CN*) not queued (status = *KS*), cannot be held.

Only commands being in queued state can be held. However KT*(*CN*) was not in queued but in another state like active or pending.*

OK_CN_SERIAL_HOLD (W)

[*CID*] *KT*(*CN*) in serialization hold, cannot be freed.

Command KT*(*CN*) could not be freed from hold status because it is not in operator hold but in system hold, because it is serialized to some event (another transfer) .*

OK_DB_FAILED (W)

[*CID*] Data base access failed for *KT*(*CN*) (rc = *RC*).

Internal problem with database or system is short of memory. Please report to rvs hot-line.

OK_DBV- (R)

[*CID*] Data base for
"*DBV*"
created at *DATE*.

Echo of version and creation date of your current data base.

OK_INVALID_STATUS (W)

STATUS '*STATUS*' is not a status.

The Value for STATUS is not a status.

OK_INVALID_CN (W)

CN '*CN*' is not a command number.

The Value for CN is not a real command number

OK_INVALID_DSN (W)

DSN '*DSN*' is no Dataset.

the Value for DSN is no Dataset.

OK_INVALID_PARM (W)

[*CID*] Invalid parameter name '*PARM*'.

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An operator command was entered with an invalid parameter name specified. Valid parameter names can be obtained via Operator command LISTPARM ALL, or refer to User Manual.

OK_INVALID_SYNTAX (E)

```
  [CID] Syntax of 'CMD' is invalid (rc(rpxcie) = RC: \SWITCH(RC,~
,~
invalid syntax,~
unknown command verb,~
unknown parameter,~
parameter specified twice,~
too many positional parameters,~
missing positional parameters,
unknown reason)~
)
```

Syntax of an operator command was not correct. Please refer to User Manual.

OK_LISTST_FAILED (W)

```
  [CID]  'listst' failed (rc(rpmrls) = RC).
```

The attempt to list the parameters of a certain station failed. Check for correctness of the SID= parameter.

OK_MODST_FAILED (W)

```
  [CID]  'modst' failed (rc(rpxcie) = RC: \SWITCH(RC,~
,~
invalid syntax,~
unknown command verb,~
unknown parameter,~
parameter specified twice,~
too many positional parameters,~
missing positional parameters,
empty command,
duplicate SID,
duplicate ODETTID,
unknown reason)~
).
       Check syntax of statements in input data set.
```

The input dataset for station table entries contains a statement with invalid syntax. The statement in error can easily be determined from the console output or monitor log. All correctly specified statements before the one in error are echoed as a "REPORT" message.

OK_MSG_TOO_LONG (W)

```
  [CID]  OK(CN: Message too long; truncated.
```

An operator message exceeded the maximum possible length of ?? bytes.

OK_NO_DBV (W)

[*CID*] No data base version information available;
data base probably created prior to Rel. 1.01.

You are probably using a version of the data base that was created before version information was stored within the data base itself. Therefore, the requested information is not available.

OK_NO_DSN (I)

[*CID*] Required data set name is missing.

An operator command that requires an input dataset, e.g. MODST or OPCMD, was entered without a dataset being specified.

OK_NO_MATCH (I)

[*CID*] No matching entry found.

A 'LISTCMD STATUS=..' command has been issued but no database entries have been found with specified status.

OK_NO_MSG_RCPT (E)

[*CID*] No message recipient specified (use (CID=cid SID=sid)).

An operator message has been issued with no destination SID specified.

OK_NO_MSG_TEXT (E)

[*CID*] No message text specified (use MSG="...").

An OPMSG command has been issued without any message text.

OK_NO_SID (W)

[*CID*] Required station-id is missing.

A LISTST operator command has been issued with no 'SID=' parameter specified.

OK_OPCMD_DONE (I)

[*CID*] Operator command re-scheduled for *TIME*.

The command will be executed (again) at the specified date and time. Stopping Monitor removes the command from data base, however.

OK_OPCMD_FAILED (E)

[*CID*] Unable to re-schedule operator command.

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For some reason, the command could not be stored. Please check additional message, which may tell you why.

OK_OPCMD_INV_TIME (E)

[*CID*] Unable to interpret time "*TIME*".

The string specified for parameter TIME could not be interpreted as time-of-day. Please check your input.

OK_OPCMD_NO_PARM (E)

[*CID*] Required parameter CMD or DSN missing.

At least one of the parameters CMD and DSN must be specified for command OPCMD.

OK_OPEN_FAILED (W)

[*CID*] Unable to open file '*DSN*' (errno = *ERRNO*).

An operator command that requires an input dataset, e.g. MODST or OPCMD, was entered. However, there is a problem when opening file DSN.

OK_READ (A)

[*CID*] *CMD*

Operator command CMD *has been checked for correct syntax and is accepted for execution.*

OK_SID_DELETED (I)

[*CID*] station-id *SID* removed from data base.

*This appears after operator command DELST SID=*SID *and indicates the sucessful removal of a station with all its parameters from the data base.*

OK_SID_FREED (I)

[*CID*] Suspension of traffic to station-id *SID* has been lifted.

*This message appears after operator command FREECMD SID=*SID *has been issued. All transfers to station SID that has been placed in Hold by command HOLDCMD SID=*SID *beforehand will resume.*

OK_SID_IS_SUSPNDED (I)

[*CID*] All traffic to station-id *SID* already suspended.

*Operator command HOLDCMD SID=*SID *has already been issued for this station.*

OK_SID_NOT_FOUND (W)

[*CID*] station-id '*SID*' is not a neighbor to this local station.

*The HOLDCMD SID=*SID *command is valid only for directly neigboring stations. However statin* SID *can be reached only via another station.*

OK_SID_NOT_FREED (W)

[*CID*] *SID* not freed; data base update failed with rc = *RC*.

There might be a problem with your database. Please report to rvs hot-line.

OK_SID_NOT_HELD (W)

[*CID*] Traffic to station-id *SID* cannot be freed; it is not suspended.

self explaining

OK_SID_NOT_SUSPND (W)

[*CID*] *SID* not suspended; data base update failed with rc = *RC*.

Suspension of traffic to a neigboring station did not succeed. Try again. If problem reoccurs there might be a problem with your database. Please report to rvs hot-line.

OK_SID_SUSPND (I)

[*CID*] All traffic to station-id *SID* will be suspended.

*This message is issued after an operator command HOLDCMD SID=*SID *was issued.*

OK_SQL_ERROR (W)

[*CID*] *CMD*: data base access failed for *SQL* (rc = *RC*).

There might be a problem with your database, or system is short of memory. Please report to rvs hot-line.

OK_SUSPND_NOT_SUPP (W)

[*CID*] Suspension of traffic to neighbor not supported in test mode.

Should not occur in normal production mode.

OK_TERMIN (I)

[*CID*] Enter command; use CNTL-Z, instead, to resume normal operations.

OK_TERMIN is used in rvs PC only, where the monitor waits for more console input until CTL-Z is entered.

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OK_ACTIVATE (I)

connect to station *SID* ...

A sender process will start to connect to this station. All queued filed will be transmitted.

OK_HELP (I)

List of available operator commands:

All available operator commands are listed.

OK_HELP_MORE (I)

ARGSTR

Further help to operator commands is given.

OK_HELP_CMD (I)

The command *OPCMD* expects *ARGSTR* positional parameters.

A support to a certain operator command is displayed.

OK_HELP_PARM (I)

non-repeatable keyword parameters [*ARGSTR*];

The non-repeatable keyword parameters are listed.

OK_HELP_RPARM (I)

repeatable keyword parameters [*ARGSTR*];

The repeatable keyword parameters are listed.

JS_EXEC (A)

JS(*CNJS*) executed by SK(*CNSK*).

This message indicates that a jobstart after a send attempt entry with number CNJS *was found to match incoming information criteria and therefore was executed.*

JS_JOB (A)

JS(*CNJS*) starts *DSNTEMP* for SK(*CNSK*).

LGW (I)

MSG

A message was found in the LM table. Messages are only saved to the LM-Table if something went wrong with the Log Writer.

LGW_ACTIVE (E)

LogWriter has already been started.

The command to start LogWriter is ignored, because it is already active. This should not happen after starting the monitor; stop rvs (rvsstop) , delete database (rvsdbdel) , create a new database (rvsidb) and start the monitor.

LGW_START (A)

LogWriter started.

The command to start LogWriter was successfully executed.

LGW_STOPPED (I)

LogWriter has already been stopped.

The command to stop LogWriter is ignored, because it has been executed before.

BCKUP_START (I)

Starting automatic backup.

BCKUP_ERR_XMTSTOPFAIL (E)

Backup isn't possible because rvs master transmitter isn't stopped (*LRET*).

BCKUP_ERR_FORK (E)

Backup impossible (*ERR*).

BCKUP_ERR_WAIT (E)

Backup status unknown (*ERR*).

BCKUP_ERR_FAIL (E)

Backup failed (*ERR*).

BCKUP_FINISHED (I)

Backup finished.

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BCKUP_ERR_XMTSTARTFAIL (E)

Start of rvs master transmitter failed (*ERR*).

PRMCHG_ERR_CRQ (E)

Creating of message store failed (*ERR*).

PRMCHG_CHANGE (I)

Monitor parameter changed - initialize master transmitter.

PRMCHG_ERR_XMTSTOPFAIL (E)

Parameter change: master transmitter couldn't be stopped (*LRET*).

PRMCHG_ERR_XMTSTARTFAIL (E)

Restart of rvs master transmitter failed (*ERR*).

IZ_COPY_FAILED_HEX (E)

```
IZ(CNIZ) could not copy received data set 'TDSN' to 'ODSN'.
  \SWITCH(REASON,~
  unknown error - see diag.log ,~
  text file contains binary zeroes
  (copy return code = RC)
```

KEYID_NOT_FOUND (S)

```
no \SWITCH(KEYFLAG,~
private,~
public) Key ID:ID for file FILE from SID found (DATE).
```

INVALID_CRYPKEY (S)

```
\SWITCH(KEYFLAG,~
  private,~
  public ) key for SID DATE not found or invalid (rc= RC)
)
```

ERR_DUR_RVSSP (S)

Error during service provider execution (rc = *RC*)

check diag.log ans service provider logs

ERR_TO_RVSSP (S)

Error during handover to service provider (rc = *RC*)

check diag.log

TO_RVSSP (A)

Command *CN* queued for service provider.

SP_START_FAILED (E)

Unable to start Service Provider (rc = *RC*).

MASKED_SIDDEST (W)

Receive Entry *CMD* with SIDDEST=*SID* delivered local !

self explaining, please check.

1.3 rvs® Sender

DB_FIELD_UNAVAILABLE (E)

PGM: data base field *FIELD* unavailable (rc = *RC*)

Problem with database. This could be due to a shortage in system memory. Please report to rvs hot-line

DB_UPDT_ERROR (E)

PGM: data base field *FIELD* could not be modified (rc = *RC*)

Problem with database. This could be due to a system memory shortage. Please report to rvs hot-line

CONVERSION_FAILED (S)

CALLER: Conversion *FCT* failed with rc = *RC*.

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please report to rvs hot-line

FILE_UNAVAILABLE (E)

PGM: *FILE* unavailable

Program PGM *needs file* FILE. *Check if file is existing and if directory and path specifications are valid.*

FUNCTION_FAILED (E)

CALLER: *FCT* failed with rc = *RC*.

possible causes:

- *not enough memory*
- *database problem*
- *internal rvs® error*

please report to rvs hot-line.

INVALID_COMMAND (S)

PGM: Invalid command "*CMD*" encountered.

internal rvs® error. Please report to rvs hot-line.

INVALID_EXIT_CODE (E)

rps: Unknown error code in exit command: "*CODE*"

please report to rvs hot-line.

INVALID_VALUE_S (S)

PGM: "*VAR*" contains invalid value "*VAL*"

Check environment dataset for correct directory specifications if PGM *is RPS. Otherwise, there is an internal rvs® problem, please report to rvs hot-line.*

MALLOC_FAILED (S)

PGM: Unable to allocate *SIZE* units of storage.

There is not enough virtual memory available in your system. rvs® could not obtain temporary storage. Check if there is enough space left for system page and swap files. Remove unneccessary tasks or jobs from system. Under DOS, check if device drivers can moved out of the DOS memory into upper memory.

NO_DSN_AUTH (B)

SK(*CN*) rps: User "*USER*" not authorized to read data set "*DSN*".

self explaining

NO_RCPT (W)

SK(*CNSK*) rpssk: No recipient found!

During processing of a distribution list, one recipient could not be retrieved from data base. Please report to rvs hot-line.

NO_STATREC (W)

rps: Unable to store statistics record (rc = *RC*) for
transfer to '*SID*' (completion code = *ERROR*)

There might be a database problem, please report to rvs hot-line.

PARM_UNAVAILABLE (E)

PGM: *PARM* unavailable or invalid

A requested rvs® parameter could not be found. This might be a problem with your data base. Please report to rvs hot-line.

RPS_STATUS_TERM (A)

CN(*CN*) Setting status of cmd ended with completion code *RC*.

This is an rvs 400 specific message, which occurs, if the status of a SK or QS could not be reset after the transmission had failed.

CONNECTED (I)

SID(*SID*) Connection established.

The exchange of Odette IDs and passwords was successful. If there are queued files, they will be transmitted now; otherwise, the connection will end immediately.

FILE_STARTED (A)

SK(*CN*) Start transmission

This message appears after the exchange of Odette IDs and passwords and before transmission of data.

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RPS_TERMINATION (A)

```
  SK(CN) Sending ended code RC
   (\SWITCH(RC,~
successful transmission,~
no connection available,~
operator requested termination,~
interrupt signal received,~
transmission rejected by neighbor (SFNA or EFNA) ,~
error occured during transmission,~
invalid command for transmission (neither SK nor QS) ,~
severe internal error)~
)
```

This message indicates the termination of a sender process. If RC *is zero, data have succesfully been transmitted to the neigboring station, which, however, does not necessarily mean that data have already reached their final destination or recipient. This is only the case when a receipt has been received for the transferred dataset. If* RC *is not zero, kindly check linetrace log file for network error messages. rvs® will automatically attempt to retransmit the file after a while.*

INVALID_NEIGHB (E)

```
  SID(SID) neighbor station not defined.
```

SIGINT (I)

```
  Sender terminates; operator interrupt received.
```

The sender terminates after interruption (e.g. CNTR-C)

SK_SENT (R)

```
  SK(CN) sent 'DSNLOCAL' to 'SIDNEIGHB' (destination: 'SIDDEST')
    as 'VDSN DTAVAIL'; sent by 'UIDSENDER' at 'SIDSENDER'.
```

This message indicates the succesful transfer of data to a neigboring node. However, this does not mean that data have already reached their final destination unless a receipt is received.

Z_REC_ERROR (S)

```
  rpsozr: Unable to generate Z-record (src line LINE)
```

please report to rvs hot-line.

Z_REC_TOO_LONG (S)

```
  rpsozr: Generated Z-record's length LEN > buffersize (src line LINE)
```

please report to rvs hot-line.

CONNECT_END (I)

SID(*SID*) Connection terminated.

the connection which was established by rvs has been terminated.

INVALID_OEXBUF (I)

Parameter OEXBUF is invalid , set to *VALUE*

The parameter OEXBUF is invalid and set to an vald value, check the configuration and choose a valid value

FUNCTION_FAILED_HEX (E)

CALLER: *FCT* failed with rc = *RC*.

1.4 rvs® Receiver

LOG_FMT- ()

rpr: *AVAIL*, *'VDSN'*, CN=*CMDNUM*: *TEXT*

Standard format for log messages written by the receiver. The fields have the following meaning:

AVAIL *date and time when data had been queued for sending at originator ('???')*

VDSN *'virtual' dataset name used for transmission ('???')*

CN *command number of IE the receiver is working on (0)*

TEXT *explanatory text which tells why a log message was created*

If the receiver generates a log message in a very early phase where it has not yet received the file header , i.e. the SFID, the fields have default values as indicated in parentheses.

SESSION_ENDED (E)

```
Session aborted (RC=REASON):\SWITCH(REASON,~
  Normal termination,~
  Command not recognized,~
  Protocol violation,~
  Odette-ID not known,~
  Invalid password,~
  Local site emergency closedown,~
  Command contained invalid data,~
  NSDU size error,~
  Resources not available,~
  Time out,~
  Mode or capabilities incompatible,~
  Unspecified error)
```

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The receiver has terminated the session with the neighbouring rvs station because the ODETTE *FTP has detected an error. The reason is given by* `REASON`*:*

0 normal termination,

1 Command not recognized,

2 Protocol violation,

3 User code not known,

4 Invalid password,

5 Local site emergency closedown,

6 Command contained invalid data,

7 NSDU size error,

8 Resources not available,

9 Time out,

10 Mode or capabilities incompatible,

99 Unspecified error

For detailed explanation refer to ODETTE SPECIFICATIONS FOR FILE TRANSFER*, http://www.odette.org/odg4/4oftp.htm.*

`INTERNAL_ERROR_TEXT (E)`

`Internal error occured in '`*`FILE`*`' at line `*`LINE`*` (REASON=`*`REASON`*`).`

Please report to rvs support team

`INTERNAL_ERROR_RC (E)`

`Internal error occured in '`*`FILE`*`' at line `*`LINE`*` (REASON=`*`REASON`*`).`

A rvs internal error with reason given by `REASON` *occured in line* `LINE` *of file* `FILE`*. Please report error to rvs support team.*

`TRANSMIT_ERROR (E)`

`REASON_TEXT` `(REASON=`*`REASON`*`) occured.`

An error occured during transmission of data. The reason is given by `REASON` *or* `REASON_TEXT`*, which may be:*

ESID_RES_NOT_AVAIL *: resources not available, could not write local file*

ESID_CLOSEDOWN *: emergency close down was requested by application*

SHOW_CAUSE (E)

```
Error occured when starting or ending file transfer (CAUSE=CAUSE): ~
\SWITCH(CAUSE,~
 no error,~
 SFNA: invalid filename,~
 SFNA: invalid destination,~
 SFNA: invalid origin,~
 SFNA: invalid record format,~
 SFNA: invalid record length,~
 SFNA: file too big,~
 ?7?, ?8?,?9?,~
 EFNA: invalid record count,~
 EFNA: invalid byte count,~
 EFNA: access method failed,~
 EFNA: duplicate file,~
 SFNA/EFNA: unspecified reason)
```

SFNA (='Start file negative answer') or EFNA (='End file negative answer') occured in ODETTE *FTP.*

MISSING_VALUE (E)

```
Expected parameter 'PARM' not found in received Z-record.
```

An error occurred during Z-record processing. No value specified for parameter with name given by PARM*. This may be due to an rvs® error at the neighbouring node. Please report to rvs support team.*
Work-around: do not use Operator message and distribution list facilities. Please report to rvs support team.

INV_Z_REC (I)

```
Invalid content of Z-record (RC=RC):
"Z_RECORD"
```

Please report to rvs support team.

UNKNOWN_NETID (E)

```
NetID 'NETID' not defined.
```

The network-id NETID *is not known on your system. Please check station table and correct accordingly.*

INV_INDICATOR (E)

```
Receiver called with invalid indicator IND; current state=STATE.
```

An internal error occured in work-flow control of the rvs® receiver. Please report to rvs support team.

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VALUE_TOO_LONG (E)

Value of *'PARM'* in received Z-record too long.

An error occurred during Z-record processing. Work-around: do not use Operator message and distribution list facilities. Please report to rvs support team.

INVALID_ORIGIN (E)

OID(*OID*) origin station not defined.

INVALID_DEST (E)

OID(*OID*) destination station not defined.

1.5 rvs® Odette Protocol

CONNECT_FAILED_X (E)

```
  OFTP (X25) : Unable to connect to SID (Reason = RC -~
\SWITCH(RC,~
?0? ,~
X25 clear , ~
ALIAS wrong or not configured , ~
XADRESS wrong or not configured , ~
X25 Timeout , ~
ISDNADDR wrong or not configured
  )).
```

CONNECT_FAILED_K (E)

```
  OFTP : Unable to connect to SID (Reason = RC -~
\SWITCH(RC,~
?0? ,~
invalid protocol, ~
LU not available, ~
NK not available, ~
TC not available, ~
AC not available, ~
XP not available
  )).
```

CONNECT_FAILED_T (E)

OFTP (TCPIP) : Unable to connect to *SID* (Reason = *RC* ~
\SWITCH(*RC*,~
?0? ,~
open failed , ~
alloc failed , ~
bind failed , ~
connect failed , ~
listen failed , ~
accept failed , ~
receive failed , ~
send failed , ~
gethost failed , ~
no port , ~
set sock opt failed , ~
close failed , ~
set event failed
)).

CONNECT_FAILED (E)

OFTP: Unable to connect to *SID* (errorcode = *RC*).

This message indicates a problem in the early stage of connection setup. If this does not seem to be a temporary effect, it is advisable to initialize trace for linedriver and Odette FTP. If SID *is 'network', this indicates a problem with the local side being receiver. The receiver could be started but was not able to start data exchange. Check linedriver log for error loggings. If* SID *is a valid station id, we are the sender. In most cases the problem is located in the network or results from faulty network parameters. Check status of network devices. For LU 6.2 check definitions for SYCLEVEL, LUNAME, MODE, TPNAME and security information.*
For connection test, use the ACTIVATE command - for example, 'rvscom /a SID'.

INCOMING_CALL (I)

Incoming call received: *OAD*

DATA_ERROR (E)

OFTP: Error creating or sending data buffers.

This message usually indicates a hard disruption of a running communication. For example, if the target system abends or the network fails. Another reason could be a problem with your input dataset.

DB_ERROR (E)

OFTP: Data base access error (rc = *RC*) during *EVENT*
(*'PARM'*).

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Check if system is not short of memory. Please report to rvs hot-line.

ESID_ERROR (E)

```
Odette session ended by remote node SID. ~
Reason(REASON):\SWITCH(REASON,~
 normal session termination,~
 unknown command code in NSDU,~
 unexpected command code in NSDU,~
 invalid Odette-ID,~
 invalid password,~
 local site emergency closedown,~
 NSDU contains invalid data,~
 NSDU size error,~
 resources not available,~
 time out,~
 mode or capabilities incompatible,~
 unspecified abort code)
```

The Odette session has been ended by the remote node due to the specified reason

INV_CMD_RCVD (W)

```
OFTP: Invalid command buffer ('CMD') received.
```

This is not necessarily a real problem but indicates an unclean protocol handshake. Kindly report to rvs hot-line.

INV_OID (W)

```
OFTP: Invalid Odette-id received from SID:
  (OIDR instead of OID).
```

The Odette-id in for station SID *is not correctly defined in either yours, or your partners station table. Correct station table accordingly or tell your partner to do so. Use the MODST operator command.*

INV_PDU (E)

```
OFTP: Invalid PDU received.
```

An invalid protocol decription unit, PDU*, has been received. Please report to rvs hot-line.*

INV_PSW (W)

```
OFTP: Invalid password received from SID.
```

An Odette-password for station SID *is not correctly defined in either yours, or your partners station table. Correct station table accordingly or tell your partner to do so. Use the MODST operator command. Note, that there is a difference for passwords to send and to receive. Make sure that they are crosswise matching with your partners definitions, i.e. his send must match your receive password and vice versa.*

MakeXX_FAILED (E)

OFTP: Unable to create *PDU*.

An Odette FTP protocol decription unit, PDU*, could not be created. please report to rvs hot-line.*

ODTID_UNKNOWN (W)

OFTP: Unknown Odette-id ('*ODTID*') received (rc = *RC*).

Some station tried to open a rvs® connection with your station. However, the Odette-id, ODTID*, it has transmitted does not match with any entry in your local station table. Check your station table and correct accordingly, or let the other side do so.*

RCV_FAILED (E)

OFTP: Unable to receive buffer from *SID* (rc = *RC*) during *EVENT*.

The local side was in a pending read state, waiting for data buffers, when the connection broke down. Check if partner system and network are still up and running. Check linetrace log for network error messages and try to fix the problem.

SND_DISCON_FAILED (E)

OFTP: Unable to send 'Disconnect' (rc = *RC*).

Probably a network problem, ore remote partner has already terminated the connection. Check linetrace for network errors and try to fix the problem.

SND_FAILED (E)

OFTP: Unable to send buffer (rc = *RC*) during *EVENT*.

The local side was trying to send data buffers when the connection broke down. Check if partner system or network are still up and running. Check linetrace log for network error messages.

Z_PROT_ERROR (S)

OFTP: Protocol error: sending Z-records not allowed.

The partner side does not support Z-records which are reuired for operator messages and distribution lists. Do not send operator messages to this station and set up separate send orders for each recipient on this node.

OFTP_SEND (O)

Send:SK *CN 'DSN'* from:'*SIDORIG*' Destination:'*SIDDEST*' FORMAT=*RECFM* RESTART=*RESTART*.

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OFTP_END (O)

end SK: *CN* status *REASON*:'*DSN*' from:'*SIDORIG*' Destination:'*SIDDEST*'

OFTP_RCV (O)

Receive:'*DSN*' from:'*SIDORIG*' Destination:'*SIDDEST*' FORMAT=*RECFM* RESTART=*RESTART* IE:*CN* begins

OFTP_RCV_END (O)

Receive:'*DSN*' from:'*SIDORIG*' Destination:'*SIDDEST*' IE:*CN* ends.

OFTP_SNDEERP (O)

Send EERP for '*DSN*' from:'*SIDORIG*' Destination:'*SIDDEST*'.

OFTP_RCVEERP (O)

Receive EERP for '*DSN*' from:'*SIDORIG*' Destination:'*SIDDEST*'.

CONNECT_IND (O)

Responder: Connection with Station '*SID*' with Credit=*OCREVAL*, Odette Buffer=*OEXBUF*, \SWITCH(

CONNECT (O)

Sender: Connection with Station '*SID*' with Credit=*OCREVAL*, Odette Buffer=*OEXBUF*, \SWITCH(*CON*

DISCONNECT (O)

Connection as (\SWITCH(*DIR*,,receive,send)) to Station '*SID*' ended.

1.6 rvs® Batch Interface

CMD_FAILED (E)

Command ended with return code *RC*:

CMD

The command given by CMD *failed with return code* RC*. This message is issued, if no more detailed error message has been set when the utility command was issued.*

FUNCTION_FAILED (E)

Function call ended with return code *RC*:
FCT

This message ussually indicates a severe error. Check rvs installation and environment. Contact rvs hot-line, if necessary.

MISSING_VALUE (E)

No value specified for command line parameter *'PARM'*.

A value was expected for command line parameter given by PARM*. No value found.*

INV_CMDLINE_PARM (E)

Invalid command line parameter: *ARGSTR*

An invalid command line parameter was used. Currently supported are:

/c do not terminate batch interface after an error in a user command

/eRVSENV supersede default name of RVS environment dataset

/iDSN select input dataset

/lLANG select language

/q do not echo user commands on standard output—quiet mode

DATASET_NOT_EXIST (E)

Dataset *DSN* does not exist.

The dataset specified with command line parameter '/i' does not exist.

CNTL_C_ENTERED (I)

Batch interface terminates (CNTL-C received).

CNTL-C has been entered by user. The batch interface terminates command execution.

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1.7 rvs® User Dialog Interface

NO_VALUE ()
No value specified

The field located by cursor or blinker needs to be filled with a required value.

INV_ACTION ()
Invalid action (Press F1 for HELP, F3 to exit)

You pressed a key that is not allowed in the momentary context.

INSUFF_PRIV ()
User *USER* not privileged

You tried to initiate a priviledged operation for user USER*, but there is no authorization*

RECVR_ADDED ()
Receiver (*SID*,*UID*) added to distribution list

Another destination, user UID *at station* SID *has been added to the distribution list of the send order you are working on.*

RECVR_DELTD ()
Receiver (*SID*,*UID*) deleted from distribution list

self explaining

RE_DELTD- ()
\SWITCH(*RC*,DELETED,DELETE FAILED)

This message indicates wether a deletion of a resident receive entry was successful or not.

RE_UPDTD- ()
\SWITCH(*RC*,UPDATED,UPDATE FAILED)

This message indicates wether an update of a resident receive entry was succesfful or not.

RE_NOT_PENDING ()
No matching resident receive entry found with status 'pending'

You tried to update, delete or query a resident receive entry, which, under normal conditions must have status 'pending'.

UNIT- ()

```
\SWITCH(FLGREC,bytes ,blocks,???)
```

Tells which kind of space units is in use, e.g. bytes or blocks.

SSTATUS- ()

```
\SWITCH(STAT_IE_SE,H,Q,A,P,E,D,S,F,I,-)~
\SWITCH(STAT_ET,H,Q,A,P,E,D,S,F,I,-)~
\SWITCH(STAT_IZ_SK,H,Q,A,P,E,D,S,F,I,C,-)
```

Short form of status: (held, queued, active, pending, ended, deleted, suspended, forwardable, in transit) see also next message below.

SEND_STATUS- ()

```
SE:\SWITCH(STAT_SE,~
held,queued,active,pending,ended,deleted,suspended,forwardable,in transit,-)~
 ; ~
ET:\SWITCH(STAT_ET,~
held,queued,active,pending,ended,deleted,suspended,forwardable,in transit,-)~
 ; ~
SK:\SWITCH(STAT_SK,~
held,queued,active,pending,ended,deleted,suspended,forwardable,in transit,~
in conversion,-)~
```

Long form of status message:

HELD command was put in hold status; it cannot be processed until freed

QUEUED ready to be processed

ACTIVE the command is being processed

PENDING processing partially complete

ENDED processing of the command ended

DELETED this entry was -logically- deleted

SUSPENDED this entry was suspended temporarily

FORWARDABLE command forwarded to master transmitter

IN TRANSIT being processed by sender

DSN_DISP- ()

```
Dataset will be \SWITCH(DISP,kept,deleted,???) after transmission
```

This message indicates what will be done with the dataset after transmission. This depends on the setting of the DISPOSITION *parameter in the 'send a dataset' primary menue.*

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VIRTUAL_DSN- ()

New dataset name is : *VDSN*

The dataset to be transferred has been assigned to the virtual dataset name VDSN.

BAD_CHOICE ()

Command not supported

You pressed a function key or selected a function, not supported in the current context.

MANY_ROWS ()

To many rows selected

self explaining

NO_SELECT ()

No row is selected

On a menue displaying a list of items for further selection, for example after display of transmissions to a certain node, you pressed the ENTER key without having anything selected.

TABLE_ROWS- ()

\SWITCH(*ROW_MAX*,No Data,1 row,Row *ROW_MIN* .. *ROW_MAX*) ~
\SWITCH(*EOT*,- page up/down: F7/F8,- End of table reached)

Messages for Cases of Severe Errors:

FATAL (S)

Fatal Error Occured

please report to rvs hot-line.

ERROR (S)

Unexpected Error Occurred

please report to rvs hot-line.

STATE (S)

Unknown State or Keystroke

You probably have pressed a key which is not allowed in the current context, or an internal error occurred. If you are sure that the latter is the case, please report to rvs hot-line.

NYI- (I)

```
Sorry, selected option not yet implemented !
```

We awfully regret, but this option is planned for a future release update but is not yet available.

DSPR_MSGSTAT- ()

```
Dataset has been completely \SWITCH(FLGDELVRD,~
received but is not yet delivered,~
delivered,~
???).
```

This message tells, whether the dataset has been delivered to the receiver.

DSPR_MSGVDSN- ()

```
Dataset received as 'VDSN_IE' / 'VDSN_ET'
```

VDSN_IE *and* VDSN_ET *are the virtual dataset name passed to the receiving station in the* ODETTE *file transfer protocol.* VDSN_ET *differs from* VDSN_IE *only, if the sender has sent the dataset to a list of receivers with different values of DSNNEW.*

DSPR_MSGDISP- ()

```
Dataset has been \SWITCH(FLGIGNORE,written to disk,ignored,???)
```

Tells whether the dataset has been accepted or ignored after being received completely.

INV_CHAR (E)

```
Invalid character found in field value 'FLDVAL'
```

This message will appear, if an invalid character occured in the value FLDVAL *of an input field.*

CNTL_C_ENTERED (I)

```
Dialog interface terminates (CNTL-C received).
```

CNTL-C has been entered by user. The dialog interface terminates.

HELP_END- ()

```
\SWITCH(MORE,End of Help,More: F8)
```

This message is displayed at the bottom of a help mask in order to indicate whether there is additional help available via scrolling

HELP_INV_FIELD ()

```
Sorry, no specific help available for selected field.
```

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This message is displayed if there is no specific paragraph for the selected field within the help text.

HELP_NOT_AVAIL ()

```
Sorry, no help available.
```

This message is displayed if there exists no help text for the current dialog mask.

HELP_PFK_LIST- ()

```
  \SWITCH(MORE,,F1 = additional help   )F3/ESC/! = EXIT
```

This message is displayed at the bottom of a help mask in order to indicate whether there is additional help available via F1

1.8 rvs® Internal Utilities

These "internal" rvs® utilities are implicitely invoked from

- *the user dialog interface (***RVSDIA***) ,*
- *the batch interface (***RVSBAT***) ,*
- *the call interface (***RVSCAL***) .*

Hence, the following messages may occur under all of these environments.

CANNOT_PROCESS (E)

```
Cannot execute because command status is ~
'\SWITCH(STATUS,~
held,queued,active,pending,ended,deleted,suspended,~
forwardable,in transit,unknown)'.
```

self explaining

CMD_ERROR (E)

```
Command 'CMD' failed due to \SWITCH(RC,~
,~
invalid syntax,~
unknown command verb,~
unknown parameter,~
parameter specified twice,~
too many positional parameters,~
missing positional parameters,
an unknown reason) ~
(RC=RC)
```

Command CMD *failed because of one of the following reasons:*

- *There is a syntactical error in your command string, please check.*
- *The specified command is not known, please check your spelling.*
- *One or more parameters are not valid or mistyped, check and correct.*
- *One parameter has been specified twice, please correct.*
- *There are too many positional parameters specified, please check.*
- *There are less positional parameters specified than needed.*

CMD_EXECUTED (I)

Command '*CMD*' successfully executed.

self explaining

CMD_INV_QUAL (E)

Command *CMD QUAL* not implemented.

Sorry, but the command CMD *is not implemented.*

CMD_NYI (E)

Command *CMD* not yet implemented.

We are awfully sorry. The command CMD *is foreseen but not yet available. We hope to provide it in one of the next release updates.*

DATASET_NOT_EXIST (E)

Dataset *DSN* does not exist.

self explaining; check path and drive specifications

DATASET_NOT_FV (E)

DSN is not a valid *FMT*-format file.

You requested to send a file as F- or V-format data set; the record length—maximum record length for V—is found to be zero or negative, however. For rvs 2 and rvs PC, this may occur, when you try to send a 'normal' file and specify F- or V-format; these files can be sent as T- or U-format, only.

DB_ERROR (S)

RVS database error (RC=*RC*).

Please report to rvs hot-line.

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DEL_NOT_UNIQUE (E)

The parameters do not identify a unique send request.

There is more than one entry in the database matching specified search criteria. Specify more selective search criteria.

DONT_REM_PRIV_USER (E)

User *USER* is privileged and may not remove or change own privileges.

self explaining

DSN_INSUFF_PRIV (E)

User *USER* has no privilege to \SWITCH(*ACCESS*,read,delete) ~
dataset *DSN*.

self explaining

CMD_ALREADY_ENDED (W)

entry already marked as ended.

An attempt was made to delete/end an already ended command

DUPLICATE_RESENTR (E)

entry for specified values does already exist.

A resident receive entry for specified values of UIDSENDER, SIDSENDER, VDSN, UIDLOCAL does already exist.

INSUFF_PRIV (E)

User *USER* has unsufficient privilege to use specified value for ~
parameter *PARM* of *CMD*.

self explaining

INV_DSN (E)

Invalid dataset: *DSN* (RC=*RC*).

The specified dataset name is not valid in the current environment.

INV_RVS_USER (E)

User *USER* is not authorized to use RVS.

USER *is not defined as rvs® user. Hence authorization to use rvs® is not granted.*

INV_SYNT (E)

Invalid syntax of *CMD* command. Use following syntax:

See messages SYNTAX_PRINT, SYNTAX_RECEIVER, SYNTAX_RESENTR, SYNTAX_SEND, SYNTAX_START, SYNTAX_USER below for correct syntax.

MISSING_PARM (E)

Missing value of *PARM* in command *CMD*.

self explaining, please check.

MISS_RECEIVER (E)

No receiver specified in SEND command.

self explaining

PARM_ERR (E)

Invalid value '*VAL*' of *PARM* in command *CMD*.

self explaining, please check.

NO_LICENCE_CRYP (E)

No icence for value '*VAL*' of *PARM* in command *CMD*, no request generated.

self explaining, please check.

NO_LICENCE_COMP (W)

No icence for value '*VAL*' of *PARM* in command *CMD* compression request caneled.

self explaining, please check.

FORCED_CRYP (W)

Encryption for destination of command *CMD* configured and added

self explaining, please check.

MASKED_SIDORIG (W)

Sendentry *CMD* with SIDORIGIN=*SID* generated !

self explaining, please check.

NOCRYP (E)

Encryption for destination of command *CMD* desired and not configured

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self explaining, please check.

VAL_NOT_SUPP (W)

Value '*VAL*' of *PARM* in command *CMD* not supported, use DEFAULT.

self explaining, please check.

RECEIVER_NOT_FOUND (E)

Specified receiver could not be located.

specified receiver could not be found in data base. Check spelling of station or check station table for completeness.

RESENTR_INV_SID (E)

Station id *SID* unknown. No matching entry found in RVS station table.

self explaining

RESENTR_NOT_FOUND (E)

Specified resident receive entry could not be located.

self explaining

RVS_DISABLED (E)

Access to RVS currently disabled.

Your rvs® administrator or operator currently has disabled access to rvs® probably because he is backing up the database or fixing a problem.

SEND_DUP_SID (E)

duplicate station id *SID*.

a attempt was made, to insert a receiver which already exists in the distribution list

SEND_INV_SID (E)

Station id *SID* is unknown.

self explaining

SEND_INV_MASK (E)

Masking as station *SID* not allowed.

self explaining

SK_ALR_CREATED (E)

Cannot delete receiver: send request has been processed

The selected send request has been partially processed by the monitor and a SK has been created. Deletion of a single receiver is not possible any more. You may cancel the entire send request to prevent sending.

START_ACCEPTED (I)

START command accepted.

A rvs® function has successfully been started by an authorized rvs® user.

SYS_ERR (S)

System error occured when calling function *FCT* (RC=*RC*).

Please report to rvs hot-line.

SYNTAX_PRINT (I)

```
PRINT <qual> .
  <qual> : /MANUAL
```

shows syntax for PRINT statement

SYNTAX_RECEIVER (I)

```
RECEIVER <qual> .
  <qual> : /DELETE
```

shows syntax for RECEIVER statement.

SYNTAX_RESENTR (I)

```
RESENTR <qual> .
  <qual> : /CREATE, /UPDATE, /DELETE
```

shows syntax for RESENTR statement

SYNTAX_SEND (I)

```
SEND [<qual>]  ...
  <qual> : /CREATE, /DELETE, /HOLD, /RELEASE
```

shows syntax for SEND statement

SYNTAX_START (I)

```
START /USER.
```

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shows syntax of START command

SYNTAX_USER (I)

```
USER <qual> [LANGUAGE=<lang>] [UID=<uid>] [PRIV=<priv>] [NAME=<name>].
  <qual> : /CREATE, /UPDATE, /DELETE
```

shows syntax of USER command

TOO_MANY_RECEIVERS (E)

More than one receiver specified to select SEND command to be processed.

USER_ALR_EXIST (W)

User *USER* does already exist in table of RVS users.

self explaining

USER_NOT_EXIST (W)

User *USER* not found in table of RVS users.

USER *is not defined in rvs® yet.*

USER (I)

MSG

A job has started 'rvsbat /M' to post this message to rvs log file.

SE_S_CREATED (R)

SE(*CN*), serialized with label '*LABEL*' created. Predecessor is command *CNFIRST*.

self explaining

DUPLICATE_SENDJOB (E)

entry for specified values does already exist.

A jobstart after send attempts entry for specified values of SID, VDSN, UID, ATTEMPTS does already exist.

SENDJOB_NOT_FOUND (E)

Specified jobstart after send attempts entry could not be located.

self explaining

SENDJOB_INV_SID (E)
Station id *SID* unknown. No matching entry found in RVS station table.

self explaining

SYNTAX_SENDJOB (I)
```
RESENTR <qual> .
  <qual> : /CREATE, /UPDATE, /DELETE
```

shows syntax for SENDJOB statement

KEY_ENTRY_NOT_FOUND (E)
No matching Entry found.

KEY_ALLOC_FAILED (E)
Alloc failed.

KEY_NO_VALID_LIST (E)
No valid list available.

KEY_WRONG_DATE_FORMAT (E)
wrong date format.

KEY_INVALID_SID (E)
invalid station-id.

KEY_INSERT_DB_FAILED (E)
can't insert into database.

KEY_DELETE_DB_FAILED (E)
can't delete entry.

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KEY_DUP_KEYID (E)
duplicate key-id.

KEY_DATE_OVERLAPPED (E)
date range already exists.

KEY_KEYFILE_NOT_EXIST (E)
keyfile doesn't exist.

KEY_UNKNOWN_ERR (E)
unknown error.

1.9 rvs® System Emergency Messages

A system emergency messages is sent to the rvs® operator or user, if some resources are not available to a rvs® module, e.g. if a the rvs® log file or the database log file are full. The following messages identify the module which sends a system emergency messages.

RVSBAT ()
Batch Interface

RVSCAL ()
Call Interface

RVSCNS ()
Operator Console

RVSDIA ()
Dialog Interface

RVSIDB ()
Initialize Database

RVSMON ()
Monitor

RVSRCV ()
Receiver

RVSSND ()
Sender

RVSSQL ()
SQL Interface

RVSTCPIP ()
TCP/IP Master Server

RVSXMT ()
MasterTransmitter

RVSCOM ()
Communications Module

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LOG_ERROR- (S)

```
S: Cannot write to 'DSN' : ~
\SWITCH(REASON,no error,~
file or disk locked,~
no access,~
write error,~
maximum number of open files reached,~
file or directory not found,~
disk error,~
disk full,~
unspecified error~
)
(FCT = FCT, REASON = REASON, SYSREASON = SYSREASON)


- Select R(etry), W(ait for 5 min.), I(gnore), or E(xit) -

WARNING: I or E will lead to lost log messages !!!
```

This message will occur when any log file is not available or cannot be written by rvs®. When you are prompted to select an action, you may select one of the listed actions having the following meanings:

- *R Retry attempted operation on log file after a few seconds. If a failure occurs again, repeat prompt. If successful, continue execution.*
- *W Retry attempted operation on log file after a few minutes. If a failure occurs again, repeat prompt. If successful, continue execution.*
- *I Ignore attempted operation on log file and carry on with execution. NOTE: Log messages will be lost partially or completely!*
- *E Exit instantly from executable which caused the error. NOTE: Log messages will be lost partially or completely!*

1.10 rvs® Operator Console

CMD_QUEUED- ()

```
Operator command has been queued
```

END- ()

```
       END
```

INP_TIMEOUT- ()

```
Timeout occured while expecting operator command
```

INV_ACTION- ()
Invalid action or keystroke

INV_CMDLINE_PARM (E)
Invalid command line parameter: *ARGSTR*

An invalid command line parameter was used. Currently supported are:

/eRVSENV supersede default name of RVS environment dataset

/rSECONDS specify number of seconds for refresh of console output. A value of 0 causes the console output not to be updated automatically. This parameter is not supported by rvs® 400.

/t work in test mode

RVS_DISABLED ()
Access to RVS database currently disabled

STARTCNS- ()
Console output (re-)started by monitor

1.11 Delete rvs® Database

A_NO- (I)
N

A_YES- (I)
Y

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DBDEL_INFO- (I)

```
  rvsdbdel call:

        rvsdbdel [-eRVSENV] [-lx] [-?] [-d[dumpfilename]] [-f]

    -eRVSENV  define environmentfile which is to be use
    -lx       define language 'x' for messages and questions
    -?        print this usage
    -d        dump user-, RE-, JS- und stationstabelle
    -f        force deleting without prompting for confirmation
    -b[xxxx]  force deleting without prompting for confirmation
      'xxxx' answers to certain prompts ('Y' or 'N')
1. Delete rvs database
2. Delete all LOG and statistic files
3. Delete all data sets in temp directory
4. Delete all internal status files
Example: rvsdbdel -bYNNN will delete the database but not the LOG,
                        statistic and temp files
    -a        do not check for stopped rvs
```

DEL_DONE (I)

```
  rvsdbdel done
```

DEL_DB- (P)

```
  Delete rvs data base in DB?
```

DEL_LOG- (P)

```
  Delete all LOG and statistic files in DB?
```

DEL_TEMP- (P)

```
  Delete all data sets in TEMP?
```

DEL_STATUSFILES- (P)

```
  Delete all internal status files now?
```

FUNCTION_FAILED (E)

```
  CALLER: FCT failed with rc = RC.
```

INVALID_PARM (W)

Invalid command line parameter '*PARM*' will be ignored.

NO_DB (I)

rvs data base in *DB* does not exist.

NO_TEMP (I)

Directory *TEMP* does not exist.

NO_SPDIR (I)

Directory *SPDIR* does not exist.

P_OK- (P)

Confirm ? (Y/N)

REPORT- (R)

TEXT

SYS_CMD- (I)

System command '*CMD*' ended with rc = *RC*.

RVS_IS_RUNNING (I)

Rvs is running.
Please stop rvs before you delete the rvs database.

RVS_RUNNINGCHECK_FAILED (E)

while checking if rvs is running,
the error *RC* occurs.

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RVS_DUMP_FAILED (E)
While writing databasedump
the error *RC* occurs.

RVS_LOAD_LIB (E)
Looading of DLL rvscal.dll failed.

RVS_LOAD_DUMP_FUNC (E)
Loading of dumping-function failed

OPEN_SAVF_FAILED (E)
Creating LC status file failed.

OPENDB_FAILED (E)
Opening database failed.

CLOSEDB_FAILED (E)
Closing database failed.

1.12 Dump and Recover rvs® Database

A_NO- (I)
N

A_YES- (I)
Y

DATASET_NOT_EXIST (E)
Input Dataset *DSN* not found or does not exist.

Input dataset DSN *for recovery of database is not found or does not exist.*

NO_ENV_DATASET (E)

RVS environment data set *'DSN'* not found.

Program stopped execution because RVS environment file could not be located.

DUMP_DATABASE (I)

Dump RVS database *'DB'*.

This message is issued when RVSDDB starts to dump the system tables of the database to be used by rvs®.

DUMP_RU (I)

Dump RE's and USERS from RVS database *'DB'*.

This message is issued when RVSDRU starts to dump the resident receive entries and users of the database to be used by rvs®.

FUNCTION_FAILED (E)

Function call *FUNCTION* ended with return code *RC*:

The function given by FUNCTION *ended with return code* RC*. This error is either due to*

- *unsufficient memory,*
- *a non-existing directory or library, or*
- *an rvs® system error*

SYNTAX_WDB (E)

Invalid command line parameters specified. Correct syntax is:

```
RVSWDB [/e<rvsenv>] /i<input file> [/l<language>]
```

This message describes the command line parameters and options expected or accepted by RVSWDB:

- */ervsenv supersede default name of RVS environment dataset*
- */idsn select input dataset to recover database tables; default is 'rldbdump.log'*
- */llang set default language for rvs®*

SYNTAX_DDB (E)

Invalid command line parameters specified. Correct syntax is:

```
RVSDDB [/e<rvsenv>] [/l<language>]
```

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This message describes the command line parameters and options expected or accepted by RVSDDB:

- */ervsenv supersede default name of RVS environment dataset*
- */llang set default language for rvs®*

SYNTAX_DRU (E)

```
Invalid command line parameters specified. Correct syntax is:

          RVSDRU [/e<rvsenv>] [/l<language>]
```

This message describes the command line parameters and options expected or accepted by RVSDRU:

- */ervsenv supersede default name of RVS environment dataset*
- */llang set default language for rvs®*

MISSING_VALUE (E)

No value specified for command line parameter *PARM*.

A value was expected for command line parameter given by PARM. *No value found.*

MISSING_INPUT_FILE (E)

No value specified for input file.

Dataset name for input file is not specified.

TABLE_EMPTY (I)

Database table '*TAB*' has no entries.

This message is printed if a database table TAB *is empty.*

DUMP_DONE (I)

Done with dump of RVS data base.

Dump of RVS database has been successful ended.

DUMP_WRITTEN (I)

RVS database dump is written in data set '*DSN*'.

Shows in which dataset DSN *the dump is written.*

DUMP_RU_DONE (I)

Done with dump of RVS RE's and USERS.

Dump of RVS RE's and USERS has been successful ended.

DUMP_RU_WRITTEN (I)
`RVS RE & USER dump is written in data set 'DSN'.`

Shows in which dataset `DSN` *the dump is written.*

TABLE_WRITTEN (I)
`Table 'TAB' successfully written.`

Informs whether a database table is successful written.

TABLE_NOT_CLOSED (E)
`Cannot close table 'TAB'.`

Database table `TAB` *cannot be closed.*

TABLE_NOT_OPEN (E)
`Cannot open table 'TAB'.`

Table `TAB` *cannot be opened.*

DUMP_TABLE (I)
`Dump table 'TAB'.`

Dump database table `TAB`*.*

STORE_TABLE (I)
`Store table 'TAB'.`

Store database table `TAB`*.*

TABLE_NOT_EXIST (E)
`Table 'TAB' does not exist.`

Database table `TAB` *does not exist.*

SYNTAX_ERROR (E)
`Syntax error in command.`

Syntax error found by parser.

INVALID_CMD (E)
`Invalid command issued.`

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Invalid command issued.

INVALID_COLNAME (E)

```
Database table or dump file has invalid field name.
```

Database table or dump file has invalid field (column) name.

INVALID_INPUT (E)

```
convert failed. invalid input data type.
```

PARM_USED_TWICE (E)

```
Parameter used more than once.
```

Parameter in table used more than once in command.

RECOVER_DATABASE (I)

```
Recover RVS database 'DB'.
```

This message is issued when RVSWDB starts to recover the system tables of the database to be used by rvs®.

RECOVER_DONE (I)

```
Recovery of RVS database has been successful ended.
                    'ENTR' entries read.
                    'ERR' error(s)  occured.
```

Recovery of RVS database has been successful ended.

RECOVER_ERROR (I)

```
Done with recovery of RVS data base.
                'ENTR' entries read.
                'ERR' error(s)  occured.
```

Recovery of RVS database has been ended with ERR *error(s) .*

RECOVER_FAILED (E)

```
Recovery of RVS data base failed.
             'ENTR' entries read.
             'ERR' error(s)  occured up to this time.
```

Recovery of RVS database terminated by user. 'ENTR' *entries read up this time.* 'ERR' *error(s) occured up to this time.*

CONTINUE (I)

Continue with recovery of RVS data base. Enter Y or N:

Continue with recovery of RVS database. Y = continue N = break

RPXCIE_FAILED (E)

Function rpxcie failed with return code: *RC*
Command = *CMD*

Function rpxcie failed during command execution. Return code = 'RC' *Command =* 'CMD'

1.13 Recover Isam Index

FUNCTION_FAILED (E)

Function call *FUNCTION* ended with return code *RC*:

The function given by FUNCTION *ended with return code* RC*. This error is either due to*

- *unsufficient memory,*
- *a non-existing directory or library, or*
- *an rvs® system error*

NO_ENV_DATASET (E)

RVS environment data set '*DSN*' not found.

Program stopped execution because RVS environment file could not be located.

RECOVER_DATABASE (I)

Recovering database: restore index files of ISAM database

RECOVER_DONE (I)

Recovery of database completed.

OPENDB_FAILED (E)

Could not open database.

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CLOSEDB_FAILED (E)
Could not close database.

RESTORE_TABLE_X (I)
Restoring table '*TABLE*'.

INDEX_COLUMN_X (I)
'*COLUMN*' is part of primary key.

NO_MORE_MEMORY (S)
No more memory available.

MISSING_VALUE (E)
No value specified for command line parameter *PARM*.

A value was expected for command line parameter given by PARM*. No value found.*

SYNTAX_WDB (E)
Invalid command line parameters specified. Correct syntax is:

RVSRII [/e<rvsenv>] [/l<language>]

This message describes the command line parameters and options expected or accepted by RVSWDB:

- */ervsenv supersede default name of RVS environment dataset*
- */llang use non- default language*

1.14 Stop rvs®

STOP_INFO- (I)

rvsstop syntax:
rvsstop [/eRVSENV] [/lx] [/t] [/zhh[:mm[:ss]]] [/?]
where: /eRVSENV specifies rvs environment data set 'RVSENV'. /lx uses language 'x' for prompts and messages. /t stops Monitor executing in test mode. /z.. specifies time, when Monitor is supposed to stop; if that time has passed already today, the command will be scheduled for tomorrow. /? requests this help information.
All parameters are optional.
Example: rvsstop /ec:
rvstest
rvsenv.dat /ld /z3 Stop Monitor that uses rvs data base defined in environment data set c:
rvstest
rvsenv.dat; use German language for user communications. The Monitor is to stop at 3 a.m.

FUNCTION_FAILED (E)

`CALLER: FCT failed with rc = RC.`

An internal error occurred. Please report to rvs hot-line.

INV_TIME (E)

`Unable to interpret time "TIME".`

The string specified for parameter /z could not be interpreted as time-of-day. Please check your input.

INVALID_PARM (W)

`Invalid command line parameter 'PARM' will be ignored.`

The command line which invoked `rvsstop` *contained a parameter that could not be recognized and will be ignored. Please check your input.*

REPORT- (R)

`TEXT`

A text is brought to your attention.

STOP_DONE (I)

`Command to stop Monitor at TIME stored in data base DB.`

Confirmation that STOP command has been scheduled.

STOP_FAILED (E)

`Unable to schedule STOP command.`

For some reason, rvsstop could not store command in data base; check other messages to find out why.

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1.15 rvs® MasterTransmitter

INVALID_PROTOCOL (E)

Station NK=*SID* contains invalid PROTOCOL=*PROT*
(Please check your license key, field COMPONENTS)

CN_OVERFLOW (W)

rvsxmt: More than *J* commands with status '*STATUS*' found.

A (non-critical) overflow of an internal table occured. If this message recurs, please inform gedas GmbH.

DB_FIELD_UNAVAILABLE (E)

PGM: data base field *FIELD* unavailable (rc = *RC*)

Problem with database. This could be due to a shortage in system memory. Please report to rvs hot-line.

FUNCTION_FAILED (E)

rvsxmt, *CALLER*: *FCT* failed with rc = *RC*.

An internal error occurred. Please report to rvs hot-line.

INVALID_PARM (W)

MasterTransmitter called with invalid command line parameter '*PARM*'.
This parameter will be ignored.

If this error occurs, when MasterTransmitter is started by Monitor, please, inform rvs hot-line.

SENDER_STARTED (A)

KT(*CN*) Sender started to SID(*SID*) (using Prot(*PROT*)).

This message informs you that a process or job was started to transfer a file (SK) or receipt (QS) to the specified neighbor.

START_FAILED (A)

Unable to start Sender to send *KT*(*CN*) to '*SID*' (using *PROT*).

An unspecified error prevented starting a job or process; this may be due to lack of memory. If the message recurs, please inform rvs hot-line.

UNQ_FAILED (S)

MasterTransmitter failed during uniqueness check with rc = *RC*.

For some reason, this program could not determine, whether another MasterTransmitter is already active. If the message recurs, please inform rvs hot-line.

TCPIP_STARTED (A)

Tcpip Server (protokol R) startet (TMAXCONN=*COUNT*)

XMT_COMPROC_WAIT (I)

Waiting for active communication processes...

XMT_COMPROC_FINISHED (I)

All communication processes are finished.

INVALID_NEIGHB (E)

SID(*SID*) neighbor station not defined.

1.16 rvs® Linedriver

LU62_STOP (I)

PID: Conversation with SID=*SID* ended.

An LU 6.2 Conversation with remote station SID *has been ended. The local station was the initiator of the conversation.* PID *is the process-id of the respective sender task.*

LU62_STOPR (I)

PID: Conversation (Responder) ended.

An LU 6.2 Conversation has been ended, the local station was the responder, i.e. receiver. PID *is the process-id of the respective TP or responder task.*

LU62_START (I)

PID: Conversation (Initiator) with SID=*SID* started,
(LU=*LU*, MODE=*MODE*).

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The local station has successfully initiated an LU 6.2 Conversation with partner station SID. *The partners LU-Name is* LU *and the LOGMODE in use is* MODE. PID *is the process-id of the respective sender task.*

LU62_START_ (I)

PID: Conversation (Initiator) with SID=*SID* started.

The local station has successfully initiated an LU 6.2 Conversation with partner station SID. PID *is the process-id of the respective sender task.*

LU62_STARTR (I)

PID: Responder started, Conversation established.

An LU 6.2 Receiver or responder task has been started upon an LU 6.2-Allocate request from a remote partner station. PID *is the process-id of the respective TP or responder task.*

LU62_ERROR (E)

PID: *EXPLAIN*.

An LU 6.2 Error occurred in sender or receiver task with process-id PID. EXPLAIN *is a short text describing the specific problem, depending on context and system.*

LU62_WARN (W)

PID: *TEXT*.

An LU 6.2 problem might exist in sender or receiver task with process-id PID. TEXT *is a short text describing the specific problem, depending on context and system.*

CALL_OUT (A)

PID: outgoing call to SID=*TEXT* ...

A sender process calls this station.

X25_READY (L)

PID: X.25 Receiver ready to accept incoming calls *TEXT*.

This message indicates that a prestarted "listening" X.25 receiver is up and ready to accept incoming calls. TEXT *may contain further details.* PID *is the process-id of the respective X.25 receiver task.*

X25_STOP (I)

PID: X.25 Receiver, listening for incomming calls, has ended.

This message indicates that a prestarted "listening" X.25 receiver has ended upon closedown of rvs® Monitor or Mastertransmitter. Consequently no more incoming calls can be accepted. PID *is the process-id of the respective X.25 receiver task.*

X25_IN_OK (A)

PID: Incoming X.25-call from DTE=*DTE* accepted.

This message indicates that an X.25 Call packet has been received from a remote station with X.25-DTE-address DTE *and the call has been accepted by the local station.* PID *is the process-id of the respective X.25 receiver task.*

X25_IN_REJCT (W)

PID: Incoming X.25-call from DTE=*DTE* rejected,
reason: *TEXT*.

This message indicates that an incoming X.25 Call packet from a remote station with X.25-DTE-address DTE *has not been honored because of the reason given in* TEXT. PID *is the process-id of the respective X.25 receiver task.*

X25_CALL_OK (I)

PID: X.25-Connection established to SID=*SID*, DTE=*DTE*.

This message indicates that an outgoing X.25 call to station with DTE-address DTE *has successfullly been sent and a "call connect" packet, indicating succesful establishment of an X.25 connection has been received.* PID *is the process-id of the respective X.25 sender task.*

X25_ERROR (E)

PID: *TEXT*.

An Error occurred in X.25 sender or receiver task with process-id PID. TEXT *is a short text describing the specific problem, depending on context and system.*

ISDN_CHARGE (A)

U units.

CAPI20_INFO (I)

TEXT.

An Info about status of CAPI20. TEXT *is a short info text depending on context and system.*

CAPI20_NOLVL3 (E)

No ISDN-connection on level 3. Last error: *TEXT*.

This message indicates that the D-channel connection has been established but set-up the logical connection of a B-channel failed. TEXT *is the E-DSS1 error code.*

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CAPI20_CON (E)

Error occurred during set-up the ISDN connection: *TEXT*.

This message indicates that the ISDN connection couldn't be established. TEXT *is the E-DSS1 error code.*

CAPI20_CTOUT (E)

Timeout occurred during set-up of ISDN connection to address *NO*.

This message indicates that the ISDN connection couldn't be established. A timeout occurred during the creation of ISDN connection to ISDN address NO*. The time passed between CONNECT_REQ and CONNECT_B3_ACTIVE_IND messages.*

CAPI20_RTOUT (E)

Timeout occurred during set-up of incoming ISDN connection, address: *NO*.

This message indicates that an incoming call from NO *was received but the logical B channel connection couldn't be established. A timeout occurred. The time passed between CONNECT_I and CONNECT_B3_ACTIVE_IND messages.*

CAPI20_RNODA (E)

Error, no data, length: *BYTES*.

This message indicates that incoming data are signaled but either the data buffer is invalid or the data length is zero. BYTES *is the length of data like signaled.*

CAPI20_NORES (E)

Timeout occurred when drawing up the receiver.

This message indicates that the LISTEN_REQ message was not confirmed by the CAPI during the timeout period. The receiver couldn't be established.

CAPI20_DTOUT (E)

Timeout occurred during send of data.

This message indicates that the time for the acknowledgement of transmitted data was exceeded.

CAPI20_DROUT (E)

Timeout occurred during wait for new data.

This message indicates that a timeout occurred during wait for new data.

CAPI20_ERROR (E)

CAPI20 Error: *TEXT*.

An Error occurred in CAPI20 sender or receiver task. TEXT *is a short text describing the specific problem, depending on context and system.*

ISDN_READY (L)

PID: ISDN Receiver ready to accept incoming calls *TEXT*.

This message indicates that a prestarted "listening" ISDN receiver is up and ready to accept incoming calls. TEXT *may contain further details.* PID *is the process-id of the respective ISDN receiver task.*

ISDN_ERROR (E)

```
RC: \SWITCH(RC,~
?0?,~
indicate request failed,~
connection timeout.,~
-----> netISDN not running - please start netISDN <-----,~
-----> wrong ISDN card number - change LINK=NETISDNx in station table.,~
unable to allocate buffer,~
failed to assign netISDN,~
unable to send data request,~
unable to request disconnect,~
failed to assign netISDN B-channel level 3,~
call request failed,~
connect request failed,~
call resume failed,~
connect resume failed,~
assign task failed,~
partner busy or transmission error,~
hangup request failed,~
end request by mastertransmitter - programm stopped,~
error invalid NCCI code,~
error in message exchange - see message log,~
no data while receive,~
received buffer too long,~
 connection timeout,~
 cannot connect or setup ISDN card - please check parameter,~
 hangup received - check ISDN number ,~
disconnected with CAUSE: A DIAGNOSTIC: B.,~
the netISDN version of rvs is not installed,~
Layer 1 error - please check cable etc.,~
Timeout occurred during connection,~
Error during CAPI initialisation - CAPI not running,~
Error in semaphore-handling,~
Error in DosLoadModule - CAPI not running.,~
Error in DosQueryProcAddr - CAPI not running.,~
Error during initialisation CAPI_REGISTER - CAPI not running,~
common CAPI or ISDN error - see message-log.)~
```

An Error occurred in ISDN sender or receiver task with process-id PID. TEXT *is a short text describing the specific problem, depending on context and system.*

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SNA_ERROR (E)

TEXT.

An Error occurred in SNA sender or receiver task . TEXT *is a short text describing the specific problem, depending on context and system.*

TCPIP_ERROR (E)

TEXT.

An Error occurred in TCP/IP sender or receiver task with process-id PID. TEXT *is a short text describing the specific problem, depending on context and system.*

TCPIP_WARN (W)

PID: *TEXT*.

An TCP/IP problem might exist in sender or receiver task with process-id PID. TEXT *is a short text describing the specific problem, depending on context and system.*

TCPIP_READY (L)

PID: TCP/IP Receiver ready to accept incoming calls *TEXT*.

This message indicates that a prestarted "listening" TCP/IP receiver is up and ready to accept incoming calls. TEXT *may contain further details.* PID *is the process-id of the respective TCP/IP receiver task.*

TCPIP_CTOUT (E)

Timeout occurred during set-up the TCP/IP connection to address *NO*.

This message indicates that a timethe TCP/IP connection couldn't be established to NO. *The connect command was not possible to complete. The time passed without any response.*

TCPIP_CONNECT (E)

Error occurred during set-up the TCP/IP connection to address *NO*: *TEXT*.

This message indicates that the TCP/IP connection to IP address NO *couldn't be established.* TEXT *is the error number and the error code.*

X25_WARN (W)

PID: *TEXT*.

An potential problem was found in X.25 sender or receiver task with process-id PID. TEXT *is a short text describing the specific problem, depending on context and system.*

LTRACE (I)

PID: *TEXT*.

This message is issued when line trace output is directed to the rvs® console. This option is not yet used.

LTRACT (W)

PID: Linetracing is active for station *SID*.

This message indicates that Line tracing is active for the particular station SID. *It reminds you that additional resources, e.g. trace files, are consumed and performance might be not optimal.* PID *is the process-id of the respective sender or receiver task.*

OTRACT (W)

PID: ODETTE-tracing is active for station *SID*.

This message indicates that ODETTE tracing is active for the particular station SID. *It reminds you that additional resources, e.g. trace files, are consumed and performance might be not optimal.* PID *is the process-id of the respective sender or receiver task.*

LTERROR (E)

PID: unable to open linetrace log-file.

A Line or ODETTE trace file could not be opened in the directory, specified for "TEMP" in your environment dataset.

INVALID_NEIGHB (E)

neighbor station SID=*SID* not (or not completely) defined.

the station id resp. a part of the station configuration cannot be found in station table

RCAPI_READY (L)

PID: RCAPI ISDN Receiver ready (No.: *NUMBER*.

This message indicates that a prestarted "listening" ISDN receiver is up and ready to accept incoming calls. TEXT *may contain further details.* PID *is the process-id of the respective ISDN receiver task.*

RCAPI_ERR_REG (E)

(*PID*): CAPI register failed (*ERR*).

register to CAPI failed.

RCAPI_INFO (L)

(*PID*): *INFOTEXT*.

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Shows CAPI_DISCONNECT_IND info.

X25_ERR_CAUSE (E)

(*PID*): X.25 error cause: (*ERRNUM*) *TEXT*.

Shows X.25 error cause.

X25_ERR_DIAG (E)

(*PID*): X.25 error diagnostic: (*ERRNUM*) *TEXT*.

Shows X.25 error diagnostic.

1.17 rvs® LogWriter

FUNCTION_FAILED (E)

rvslgw, *CALLER*: *FCT* failed with rc = *RC*.

An internal error occurred. Please report to rvs hot-line.

INVALID_PARM (W)

LogWriter called with invalid command line parameter '*PARM*'.
This parameter will be ignored.

If this error occurs, when LogWriter is started by Monitor, please, inform rvs hot-line.

SOCK_EXITED (D)

LogWriter socket thread exited with rc = *RC*.

An internal non-fatal error occured.

INV_RECVBUF (E)

LogWriter *FCT*: invalid buffer received, error in *CALLED*,length = *LEN*.

LogWriter received an invalid buffer. Please report to rvs hot-line.

INV_AP_BUF (E)

LogWriter *FCT*: invalid ActivePanel buffer, error in *CALLED*,length = *LEN*.

LogWriter created an invalid ActivePanel buffer. Please report to rvs hot-line.

1.18 Initialize rvs® Active Panel

NO_ENV_DATASET (E)
RVS environment data set *'DSN'* not found.

Program stopped execution because RVS environment file could not be located.

SYNTAX- (I)
Invalid command line parameters specified. Correct syntax is:

```
rvsap [[-o output.file] [-f input.file]]
```

-o specify name of output html file
-f specify name of input file with description of html output file

RVSLGW_NOT_RUNNING- (E)
rvsap can't connect to rvslgw

OPEN_LOG_ERROR- (E)
Can't open ap.log. Terminating ...

TITLE- (E)
Active Panel: Running connections

SESSION- (E)
Number of connections: %d

ANZAHL- (E)
Number of transmissions: %d from: %s

KONFIG- (E)
Active Panel Configuration

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INTERVAL- (E)
Refresh interval:

SIDAUSWAHL- (E)
Select by SID:

TYPEAUSWAHL- (E)
Select by TYPE:

RECHNER- (E)
rvs computer:

PORT- (E)
rvs computer PORT:

SEKUNDEN- (E)
miliseconds

GRMASK- (E)
[G]raphics [M]ask

TXMASK- (E)
[T]ext [M]ask

ST1- (E)
Progress

ST2- (E)
in 5 %% steps

DETAIL- (E)

SUCHE- (E)

FEHLER- (E)

FORMAT- (E)

PARAM- (E)

SD- (E)

NAME- (E)

BENUTZER- (E)

ADR- (E)

1.19 rvseerp

END_SK (W)

!!!!!! SK (cn = *CN*) was ended manually by rvseerp !!!!!!

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END_QS (W)

!!!!!! QS (cn = *CN*) was ended manually by rvseerp !!!!!!

RELEASE_QS (W)

!!!!!! QS (cn = *CN*) was released manually by rvseerp !!!!!!

DELETE_QS (W)

!!!!!! QS (cn = *CN*) was deleted manually by rvseerp !!!!!!

ERROR_QS (W)

!!!!!! QS (cn = *CN*) has error returned !!!!!!

1.20 rvscheck

CHECK_PORTS (I)

check ports of rvs

The two rvs TCP/IP ports are the LogWriter port and the ODETTE port. These ports must be different. The default value for ODETTE port is 3305, for LogWriter 2956.

CHECK_PORTS_OK (I)

check ports of rvs ok

The check of the rvs TCP/IP ports was succesfull.

NO_LGW_PORT (E)

can't get port of rvslgw.

You should check the rvs enviroment file rvsenv.dat for the value of the parameter PORT. That's the LogWriter port. The default value is: 2956.

GET_LID_FAILED (E)

can't get the name of the local station (rc = *RC*).

The name of the local station LID was not found in the station table rdstat.dat, line TC.

PORTS_EQUAL (E)
port of rvslgw and odette-port are equal (port = *PORTNUM*).

RVSCHECK_USAGE (I)

rvscheck call:

```
rvscheck [-lx] [-?] [-v]
```

```
-lx       define language 'x' for messages and questions
-?        print this usage
-v        set verbose mode
```

CHECK_RVSENV (I)
check rvsenv.dat

MISSED_ENTRY (E)
entry *KEY* missed in rvsenv.dat

EQUAL_VALUE (W)
Values in *KEY1* und *KEY2* are equal

1.21 rvssp

SP_START (A)
Service Provider started. Compression:~
\SWITCH(*FLAG_COMP*,~
no,~
yes),~
Security:~
\SWITCH(*FLAG_CRYP*,~
no,~
yes).

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SP_STOP (A)
  Service Provider stopped.

CONVERT_FILE (A)
  Convert file '*SRC*' to '*DST*'

CONVERT_RCV_FILE (A)
  Convert received file '*SRC*' to '*DST*'

COMPRESS_FILE (A)
  Compress file '*SRC*' to '*DST*'

DECOMPRESS_FILE (A)
  Decompress file '*SRC*' to '*DST*'

CRYPT_FILE (A)
  Encrypt file '*SRC*' to '*DST*'

DECRYPT_FILE (A)
  Decrypt file '*SRC*' to '*DST*'

CONVERT_READY (A)
  Conversion finished: '*DST*'

CONVERT_RCV_READY (A)
  Conversion of received file finished: '*DST*'

COMPRESS_READY (A)
  Compression finished: '*DST*'

DECOMPRESS_READY (A)
Decompression finished: '*DST*'

CRYPT_READY (A)
Encryption finished: '*DST*'

DECRYPT_READY (A)
Decryption finished: '*DST*'

CONVERT_ERROR (E)
Conversion of '*SRC*' failed: '*ERRTXT*'

CONVERT_RCV_ERROR (E)
Conversion of received file '*SRC*' failed: '*ERRTXT*'

COMPRESS_ERROR (E)
Compression of '*SRC*' failed: '*ERRTXT*'

DECOMPRESS_ERROR (E)
Decompression of '*SRC*' failed: '*ERRTXT*'

CRYPT_ERROR (E)
Encryption of '*SRC*' failed: '*ERRTXT*'

DECRYPT_ERROR (E)
Decryption of '*SRC*' failed: '*ERRTXT*'

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DISPATCH_ABORT (E)

Abnormal dispatcher termination, error *'ERRTXT'*

1.22 rvss2hv

S2HV_SUCCESS (I)

rvss2hv: convert from *IN* to *OUT* successful.

S2HV_ERR_PARAM (E)

rvss2hv: wrong parameter

S2HV_ERR_INPUT (E)

rvss2hv: Inputfile *IN* can't be opened.

S2HV_ERR_OUTPUT (E)

rvss2hv: Outputfile *OUT* can't be opened.

S2HV_ERR_FORMAT (E)

rvss2hv: Inputfile *IN* wrong format.

S2HV_ERR_UNKNOWN (E)

rvss2hv: unknown errorcode: *CN*.

1.23 rvskeylst

RVSKEYLST_USAGE (I)

```
rvskeylst - list all keys from database
Usage: rvskeyimp [-?]
Optionen:

  -?              show this help
```

LISTHEAD_FAILED (E)
rvsGetKeyListHead() failed (*ERRTXT* rc= *RC*).

1.24 rvskeyimp

RVSKEYIMP_USAGE (I)

```
rvskeyimp - generates a key:
Usage: rvskeyimp [-?is]
Option:

  -i keyfilename
  -s station-id
```

KEYFILE_EXISTS (E)
keyfile already exist (*KEY*)

KEYFILE_NO_EXIST (E)
keyfile doesn't exist (*KEY*)

ADDKEYENTRY_FAILED (E)
AddKeyEntry() failed (*ERRTXT* rc= *RC*).

COPYKEY_FAILED (E)
copy key failed from (*KEYFROM* to (*KEYTO* (rc = *RC*)

GETKEYDIR_FAILED (E)
rvskeyimp error : can't get keydir (rc = *RC*)

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1.25 rvskeydst

RVSKEYDST_USAGE (I)

```
rvskeydst - send key some station:
Usage: rvskeydst [-?fsl]
Option:

  -f keyfile with full path
  -s SID (option repeatable)
  -l list in file with SIDs
```

INVALID_SID (E)

Invalid SID (*SID*).

KEYFILE_NO_EXIST (E)

Keyfile doesn't exist (*KEY*).

ALLOC_FAILED (E)

Alloc memory failed.

SID_LISTFILE_NO_EXIST (E)

File of SID list doesn't exist (*FILE*).

READ_LIST_FAILED (E)

Read of list failed *FILE*. (errno = *RC*)

CREATE_SND_FAILED (E)

Can't create sendentry for
SID: *SID*
File: *FILE*
Reason: *MSG*).

CREATE_SND_SUCC (I)

Sendentry created for SID : *SID*. (CN = *CN*).

1.26 rvskeydel

RVSKEYDEL_USAGE (I)

```
rvskeydel - delete key entries:
Usage: rvskeydel [-?ldur]
Optionen:

  -l                (list of all key entries)
  -d key-Id         (delete key with this id)
  -u                (keytype = public)
  -r                (keytype = private)
```

LISTHEAD_FAILED (E)

rvsGetKeyListHead() failed (*ERRTXT* rc= *RC*)

DELKEYENTRY_FAILED (E)

DeleteKeyEntryByKeyId() failed (*ERRTXT* rc= *RC*)

DELKEYENTRY_SUCC (I)

Key was successful deleted.

ONE_KEYTYPE (E)

We need one keytype.

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Chapter 2

Return-Codes

2.1 Command Parser Codes

The following error indicators may be received on return from the rvs® command parser:

code	symbolic name	explanation
1	RPXCI_RC_INV_SYNTAX	syntax error found by parser
2	RPXCI_RC_INV_CMD	invalid command issued
3	RPXCI_RC_INV_PARM	unknown parameter has been used
4	RPXCI_RC_PARM_USED_TWICE	a parameter has been specified two or more times
5	RPXCI_TOO_MANY_POS_PARMS	too many positional parameters specified
6	RPXCI_MISSING_POS_PARMS	not enough positional parameters specified
7	RPXCI_RC_DUP_SID	duplicate Station-ID
8	RPXCI_RC_DUP_OID	duplicate ODETTE-ID

These return codes may occur in the following context:

- rvs® batch interface,
- rvs® call interface,
- when any operateur command is parsed by the rvs® monitor,
- when reading a new station table via the `modst` operateur command.

2.2 Call- and Batch Interface Codes

Presently, a nonzero returncode from call- or batch interface simply indicates that something went wrong. Please refer to the message text issued allong with the error for further details.

Differentiated return codes for use in subsequent processing by user programs will be available in a future update release of portable rvs®.

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